

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 Stetch

RQ- 2020-03-09-10

Project: BMAP

- 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 2/10/20

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.	<u>A. Kelmacher</u>	<u>3-11-20</u>	<u>0855</u>	<u>22.6</u>	<u>761.6</u>	<u>8.7</u>	<u>8.67</u>	<u>100.4</u>	<u>---</u>	<u>1.03663</u>	<u>P/F</u>	<u>L/F</u>
ICV	<u>↓</u>	<u>↓</u>	<u>0859</u>	<u>22.7</u>	<u>761.6</u>	<u>8.6</u>	<u>8.66</u>	<u>100.3</u>	<u>---</u>	<u>1.03663</u>	<u>(P)F</u>	<u>(L)F</u>
CCV	<u>K. Appleby</u>	<u>↓</u>	<u>1318</u>	<u>25.3</u>	<u>759.9</u>	<u>8.2</u>	<u>8.32</u>	<u>101.1</u>	<u>---</u>	<u>1.03663</u>	<u>(P)F</u>	<u>(L)F</u>
CCV	<u>↓</u>	<u>↓</u>									<u>P/F</u>	<u>L/F</u>

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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	<u>A. Kelmacher</u>	<u>3-11-20</u>	<u>0805</u>	<u>191018</u>	<u>10/2020</u>	<u>11000</u>	<u>11000</u>	<u>P/F</u>	<u>L/F</u>
ICV	<u>↓</u>	<u>↓</u>	<u>0810</u>	<u>190711A</u>	<u>7/2020</u>	<u>100</u>	<u>103.5</u>	<u>(P)F</u>	<u>(L)F</u>
CCV	<u>K. Appleby</u>	<u>↓</u>	<u>1314</u>	<u>191018</u>	<u>10/2020</u>	<u>1000</u>	<u>999</u>	<u>(P)F</u>	<u>(L)F</u>
CCV	<u>↓</u>	<u>↓</u>						<u>P/F</u>	<u>L/F</u>

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.	<u>A. Kelmacher</u>	<u>3-11-20</u>	<u>0812</u>	<u>2911819</u>	<u>10/2021</u>	<u>7.00</u>	<u>23.6</u>	<u>7.01</u>	<u>-23.2</u>	<u>P/F</u>	<u>L/F</u>
Calibr.	<u>↓</u>	<u>↓</u>	<u>0815</u>	<u>2910629</u>	<u>10/2021</u>	<u>4.00</u>	<u>23.6</u>	<u>4.00</u>	<u>161.1</u>	<u>P/F</u>	<u>L/F</u>
Calibr.	<u>↓</u>	<u>↓</u>	<u>0818</u>	<u>4912323</u>	<u>5/2021</u>	<u>10.00</u>	<u>23.6</u>	<u>9.97</u>	<u>9.98</u>	<u>P/F</u>	<u>L/F</u>
ICV	<u>↓</u>	<u>↓</u>	<u>0820</u>	<u>2911819</u>	<u>10/2021</u>	<u>7.00</u>	<u>23.6</u>	<u>7.04</u>	<u>-20.7</u>	<u>(P)F</u>	<u>(L)F</u>
CCV	<u>K. Appleby</u>	<u>↓</u>	<u>1316</u>	<u>2910629</u>	<u>10/2021</u>	<u>4.00</u>	<u>23.8</u>	<u>4.11</u>	<u>152.8</u>	<u>(P)F</u>	<u>(L)F</u>
CCV	<u>↓</u>	<u>↓</u>	<u>1318</u>	<u>4912323</u>	<u>5/2021</u>	<u>10.00</u>	<u>23.8</u>	<u>10.05</u>	<u>-197.3</u>	<u>(P)F</u>	<u>(L)F</u>

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: 2/10/20

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	<u>A. Kelmacher</u>	<u>3-11-20</u>	<u>0823</u>	<u>0.00</u>	<u>0.00</u>	<u>(P)F</u>	<u>(L)F</u>

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

COMMENTS:



RQ-2020- 03-09-10

Customer: 21 FLA

Project ID: BMAP 2

Collected By: K. Appleby / A. Kalmbacher

Field Report Prepared By: A. Kalmbacher

Sampling Agency: FDEP / NERO

WIN ID/Field ID:



20030848

NW TRIBUTARY TO OPEN CR AT HODGES

Contains: 1:1 H2SO4
Lot No.: SA9301030
Expires: 10/28/20
See Safety Data Sheet (SDS)Contains: 1:1 HNO3
Lot No.: NA9254150
Expires: 09/11/20
See Safety Data Sheet (SDS)Contains: 1:1 HNO3
Lot No.: NA9254150
Expires: 09/11/20
See Safety Data Sheet (SDS)Contains: 1:1 HNO3
Lot No.: NA9254150
Expires: 09/11/20
See Safety Data Sheet (SDS)Matrix: Fresh / Marine

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTth)
03-11 2020	0950 EST / CST	7.03	75.6	18.8	6.51	0.15	0.29 VOB (S)	0.29	432	0.21

Cental Lab please use top row for login purposes

EST / CST										
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Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP Lot # SA9301030 Exp: 10/2020	☒ Ice ☒ H2SO4*	☐ <2	1	A
Metals (P-500ML)	☒ W-ICPMS ☒ W-ICP ☒ W-HARD Lot # NA9254150 Exp: 09/2020	☒ Ice ☒ HNO3*	☐ <2	1	A
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter Filter Lot # R9MA87336 Syringe Lot #	☒ 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		1	A
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☐ F Coli ☐ Enterococci ☐ Contract Lab	☒ Ice		1	A
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐ See Notes	☐ Ice			
Tracers (BG-500ML)	☒ W-E8321-DI ☒ W-E8321-MS	☒ Ice		1	A
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			

Name: Amy Kalmbacher Signature: A. Kalmbacher Date: 03-11-2020

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

6 Day CCV
Yes No

WIN Station Name: NW TRIBUTARY TO OPEN CR @ HODGES BLVD

Date: 3/11/2020

(mm/dd/yyyy)

WIN/ Field ID: 20030848

WBID: 2299B

Latitude: 30.27738

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.461166

Receiving Body of Water: ICW

RQ-2020- 03-09-10

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Kimberly Appleby		X		X	
Amy Kalmbacher	X		X		

Sampling Equipment	
☒ Sample Container	☐ Van Dorn
☐ Syringe	☒ Pole
☐ Dipper	☐ Other
Depth Measured with <u>meter</u>	
Equipment ID <u>Ortho Kit 44</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 Stitch</u>	
Photos: <u>Yes</u> No	Flow: No Flow <u>Flowing</u> NA	Tide: Rising/ Falling/ Slack/ NA	Tide Times: High Low
Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:			
SBIO ID Numbers:	SBIO-ID:	HA-ID:	RPS-ID: Macrophyte-ID: LIMS#:
Notes:			

Duplicate Sample

Time Zone: EST CEN Time: _____	Field ID: _____ (WIN ID_DUP)
WIN DMT Activity ID: _____	

Blank

Time Zone: EST CEN Time: _____	Field ID: _____ (Blank Type_DDMMYYYY)
DI Source: _____	Location: _____
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank	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: BD 6/2/20

(Initials/Date) (Initials/Date)

Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data in WIN: _____

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



RQ-2020- 03-09-10

Customer: 21 FLA

Project ID: BMAP 2

Collected By: K. Appleby / A. Kaimbacher

Field Report Prepared By: Kimberly Appleby

Sampling Agency: FDEP / NERO

WIN ID/Field ID:



20030653

TERRAPIN CR AT FAYE ROAD

Comments:

Matrix: Fresh / Marine

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
3-11-20	1035	7.77	82.3	18.1	6.60	0.05	0.1	0.1	345.7	0.17
☒ EST ☐ CST										

Cental Lab please use top row for login purposes

EST / CST

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP Lot # _____ Exp: _____	☐ Ice ☐ H2SO4* ☐ <2			
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD Lot # _____ Exp: _____	☐ Ice ☐ HNO3* ☐ <2			
Filtered Nutrients (P125ML)	☐ W-P04-F ☐ Field Filtered 0.45 µm Filter Filter Lot # _____ Syringe Lot # _____	☐ Ice			
Chlorophyll (BP-1L)	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☐ F Coli ☐ Enterococci ☐ Contract Lab	☒ Ice		1	D
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐ See Notes	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			

Name:

Amy Kaimbacher

Signature:

A. Kaimbacher

Date:

03-11-2020

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

Day CCV

Yes No

WIN Station Name: TERRAPIN CR @ Faye Rd.

Date: 03/11/2020

(mm/dd/yyyy)

WIN/ Field ID: 20030653

WBID: 2204

Latitude: 30.434361

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.565555

Receiving Body of Water: Dunn Creek

RQ-2020- 03-09-10

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Amy Kalmbacher					
Kimberly Appleby					

Sampling Equipment	
☒ Sample Container	☐ Van Dorn
☐ Syringe	☐ Pole
☐ Dipper	☐ Other
Depth Measured with <u>meter</u>	
Equipment ID	
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>Stitch</u>	
Photos: <u>Yes</u> / No	Flow: No Flow / <u>Flowing</u> / NA	Tide: Rising/ Falling/ Slack/ <u>NA</u>	Tide Times: High Low
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#:
Notes:			

Duplicate Sample

Time Zone: EST CEN Time: _____	Field ID: _____ (WIN ID_DUP)
WIN DMT Activity ID: _____	

Blank

Time Zone: EST CEN Time: _____	Field ID: _____ (Blank Type_DDMYYYY)
DI Source: _____	Location: _____
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank	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: BD 6/2/20

(Initials/Date)

(Initials/Date)

Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data In WIN: _____

(Initials/Date)

(Initials/Date)

(Initials/Date)



RQ-2020- 03-09-10

Customer: 21 FLA

Project ID: BMAP 2

Collected By: K. Appleby / A. Kalmbacher

Field Report Prepared By: A. Kalmbacher

Sampling Agency: FDEP / NERO

WIN / Field ID:



20030123

TROUT R @ DINSMORE
BOAT RAMP DOCK NR US 1

Comments:

Matrix: ~~Fresh~~ Marine

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
03-11 2020	1105 EST / CST	6.3	65.3	16.8	6.39	0.3	0.6 ☐ VOB (S)	0.78	777	0.38

Cental Lab please use top row for login purposes

	EST / CST									

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP Lot # _____ Exp: _____	☐ Ice ☐ H2SO4* ☐ <2			
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD Lot # _____ Exp: _____	☐ Ice ☐ HNO3* ☐ <2			
Filtered Nutrients (P125ML)	☐ W-P04-F ☐ Field Filtered 0.45 µm Filter Filter Lot # _____ Syringe Lot # _____	☐ Ice			
Chlorophyll (BP-1L)	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-S04-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☐ E Coli ☐ F Coli ☒ Enterococci ☐ Contract Lab	☒ Ice		1	C
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐ See Notes	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			

Name:

Amy Kalmbacher

Signature:

A. Kalmbacher

Date:

03-11-2020

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

of Day CCV

Yes No

WIN Station Name: TROUT R @ DINSMORE BOAT RAMP DOCK NR US 1

Date: 03/11/2020

(mm/dd/yyyy)

WIN/ Field ID: 20030123

WBID: 2203B

Latitude: 30.436278

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.761938

Receiving Body of Water: LSJR

RQ-2020-03-09040 03-e9-10

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Brian Davis KIM APPLEBY		X		X	
Amy Kalmbacher	X		X		

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

Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded		Meter ID#	
Photos: <u>Yes</u> / No	Flow: No Flow / <u>Flowing</u> / NA	Tide: <u>Rising</u> / Falling / Slack / NA	Tide Times: High Low
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#:
Notes:			

Duplicate Sample

Time Zone: EST CEN Time: _____	Field ID: _____ (WIN ID_DUP)
WIN DMT Activity ID: _____	

Blank

Time Zone: EST CEN Time: _____	Field ID: _____ (Blank Type_DDMMYYYY)
DI Source: _____	Location: _____
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank	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: BD 6/2/20

(Initials/Date)

(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 STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

of Day CCV
Yes No

WIN Station Name: TROUT RIVER AT OLD KINGS RD

Date: 03/11/2020

(mm/dd/yyyy)

WIN/ Field ID: 20030753

WBID: 2203

Latitude: 30.431277

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.768583

Receiving Body of Water: LSJR

RQ-2020- 03-09-10

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Kimberly Appleby		X		X	
Amy Kalmbacher	X		X		

Sampling Equipment	
☒ Sample Container	☐ Van Dorn
☐ Syringe	☒ Pole
☐ Dipper	☐ Other
Depth Measured with <u>meter</u>	
Equipment ID <u>Ortho Kit 44</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 Stitch</u>	
Photos: <u>Yes</u> / No	Flow: No Flow / <u>Flowing</u> / NA	Tide: Rising/ Falling/ Slack/ NA	Tide Times: High Low
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#:
Notes:			

Duplicate Sample

Time Zone: EST CEN Time: _____	Field ID: _____ (WIN ID_DUP)
WIN DMT Activity ID: _____	

Blank

Time Zone: EST CEN Time: _____	Field ID: _____ (Blank Type_DDMMYYYY)
DI Source: _____	Location: _____
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank	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: BD 6/2/20

(Initials/Date)

(Initials/Date)

Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data in WIN: _____

(Initials/Date)

(Initials/Date)

(Initials/Date)



RQ-2020- 03-09-10

Customer: 21 FLA

Project ID: BMAP 2

Collected By: K. Appleby / A. Kalmbacher

Field Report Prepared By: Kimberly Appleby

Sampling Agency: FDEP / NERO

WIN / Field ID:



20030897

MONCRIEF CR @ 21ST ST

Comments:

Trash can in creek
↳ full of trash!

Matrix: Fresh Marine

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
03-11-2020	1155 EST / CST	5.23	57.6	19.5	7.06	0.05	0.1 ☒ VOB (S)	0.1	471.8	0.23

Cental Lab please use top row for login purposes

EST / CST										
-----------	--	--	--	--	--	--	--	--	--	--

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☐ W-NH3 / ☐ W-NO2NO3 / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP	☐ Ice ☐ H2SO4*	☐ <2		
	Lot # Exp:				
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD	☐ Ice ☐ HNO3*	☐ <2		
	Lot # Exp:				
Filtered Nutrients (P125ML)	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
	Filter Lot # Syringe Lot #				
Chlorophyll (BP-1L)	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☐ F Coli ☐ Enterococci ☐ Contract Lab	☒ Ice		1 to sent ALS	D
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐ See Notes	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ W-E8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			

Name: Amy Kalmbacher

Signature: A. Kalmbacher

Date: 03-11-2020

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

of Day CCV
Yes No

WIN Station Name: MONCRIEF CR @ 21ST ST

Date: 03/11/2020

(mm/dd/yyyy)

WIN/ Field ID: 20030897

WBID: 2228B

Latitude: 30.356666

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.691083

Receiving Body of Water: Trout River

RQ-2020- 03-09-10

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Kimberly Appleby	X	X	X	X	X
Amy Kalmbacher		X	X	X	X

Sampling Equipment	
☒ Sample Container	☐ Van Dorn
☐ Syringe	☒ Pole
☐ Dipper	☐ Other
Depth Measured with <u>meter</u>	
Equipment ID <u> </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>Stitch</u>	
Photos: <u>Yes</u> / No	Flow: No Flow / <u>Flowing</u> / NA	Tide: Rising/ Falling/ Slack/ <u>NA</u>	Tide Times: High Low
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#:
Notes:			

Duplicate Sample

Time Zone: EST CEN Time: _____	Field ID: _____ (WIN ID_DUP)
WIN DMT Activity ID: _____	

Blank

Time Zone: EST CEN Time: _____	Field ID: _____ (Blank Type_DDDMMYYYY)
DI Source: _____	Location: _____
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank	Equipment ID: _____

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: BD 6/2/20 (Initials/Date)

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 2020

Meter Passed End

of Day CCV

Yes

No

WIN Station Name: MONCRIEF CR AT MONCRIEF RD

Date: 03/11/2020

(mm/dd/yyyy)

WIN/ Field ID: 2003072 6

WBID: 2228B

Latitude: 30.370277

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.683833

Receiving Body of Water: Trout River

RQ-2020- 03-09-10

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Amy Kalmbacher	X	X	X		
Kimberly Appleby					

Sampling Equipment	
☒ Sample Container	☐ Van Dorn
☐ Syringe	☒ Pole
☐ Dipper	☐ Other
Depth Measured with <u>water</u>	
Equipment ID <u>Ortho Kit 44</u>	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☒ From Shore	☐ Electric Motor
☐ Other	☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded		Meter ID# <u>RO DSS - stitch</u>	
Photos: <u>Yes</u> / No	Flow: No Flow / <u>Flowing</u> / NA	Tide: Rising/ Falling/ Slack/ NA	Tide Times: High Low
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#:
Notes:			

Duplicate Sample

Time Zone: <u>EST</u> CEN Time: _____	Field ID: _____ (WIN ID_DUP)
WIN DMT Activity ID: _____	

Blank

Time Zone: <u>EST</u> CEN Time: _____	Field ID: _____ (Blank Type_DDMMYY)
DI Source: _____	Location: _____
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank	Equipment ID: _____

LIMS EVENT ID: _____	WIN Import ID: _____
Enter Field Parameters, Verify Station ID In LIMS DMT: _____ (Initials/Date)	QC Station ID, Field Parameters In LIMS DMT: <u>BD 6/2/20</u> (Initials/Date)
Scan/Save Field Sheets _____ (Initials/Date)	Migrate Data to WIN: _____ (Initials/Date)
Verify Data In WIN: _____ (Initials/Date)	

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Bmap 2 2020 SMP

last revised Jan 25, 2018

Customer: NE-DIST

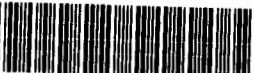
Requester: Jeremy M. Parrish

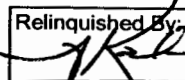
Field Report Prepared By: A. Kalmbacher

Project ID: SMP

Collected By: K. Appleby

Sampling Agency: FDEP/NE REC

WIN ID/Field ID:  20030848	☐ Comp ☒ Grab Collection (comp begin or grab) Date 03-11-2020 Time 0950 Matrix (type, e.g., Salt, Fresh, etc.) Temp (C) 18.8 pH 6.51 Salinity (ppt) 0.21 Comments	Eastern Composite end Date Time Diss. Oxygen 7.03 Total Res. Chlorine (mg/L) Sample Depth 0.15 Sp. Conductance (umho/cm) 432	Bottle Group(s) (See pg 2) A
NW TRIBUTARY TO OPEN CR AT HODGES	☐ dd ☐ dms Longitude	☐ dd ☐ dms Latitude	
WIN ID/Field ID:  20030653	☐ Comp ☒ Grab Collection (comp begin or grab) Date 03-11-2020 Time 1035 Matrix (type, e.g., Salt, Fresh, etc.) Temp (C) 18.1 pH 6.60 Salinity (ppt) 0.17 Comments	Eastern Composite end Date Time Diss. Oxygen 7.77 Total Res. Chlorine (mg/L) Sample Depth 0.05 Sp. Conductance (umho/cm) 345.7	Bottle Group(s) D
TERRAPIN CR AT FAYE ROAD	☐ dd ☐ dms Longitude	☐ dd ☐ dms Latitude	
WIN / Field ID:  20030123	☐ Comp ☒ Grab Collection (comp begin or grab) Date 03-11-2020 Time 1105 Matrix (type, e.g., Salt, Fresh, etc.) Temp (C) 16.8 pH 6.39 Salinity (ppt) 0.38 Comments	Eastern Composite end Date Time Diss. Oxygen 6.3 Total Res. Chlorine (mg/L) Sample Depth 0.3 Sp. Conductance (umho/cm) 777	Bottle Group(s) C
TROUT R @ DINSMORE BOAT RAMP DOCK NR US 1	☐ dd ☐ dms Longitude	☐ dd ☐ dms Latitude	
WIN / Field ID:  20030753	☐ Comp ☒ Grab Collection (comp begin or grab) Date 03-11-2020 Time 1120 Matrix (type, e.g., Salt, Fresh, etc.) Temp (C) 17.4 pH 6.28 Salinity (ppt) 0.06 Comments	Eastern Composite end Date Time Diss. Oxygen 7.27 Total Res. Chlorine (mg/L) Sample Depth 0.3 Sp. Conductance (umho/cm) 123.9	Bottle Group(s) B
TROUT RIVER AT OLD KINGS RD	☐ dd ☐ dms Longitude	☐ dd ☐ dms Latitude	

Relinquished By: 	Date/Time: 03-11-2020	Shipping Method: FedEx	Number of Coolers Shipped: 1	Received By:	Date/Time:
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1500

Group: A	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: 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-ECQ						← Sent to ALS lab
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI						
	W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-HARD						
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By:

A. Kalmbacher

Collected By:

K. Appleby

Sampling Agency:

FDEP/NE ROC

WIN / Field ID:



20030897

MONCRIEF CR @ 21ST ST

Latitude

☐ dd

Longitude

☐ dms

WIN / Field ID:



20030726

MONCRIEF CR AT MONCRIEF ROAD

Latitude

☐ dd

Longitude

☐ dms

Location

Field ID

WIN/STORET #

Latitude

☐ dd

Longitude

☐ dms

Location

Field ID

WIN/STORET #

Latitude

☐ dd

Longitude

☐ dms☐ Comp☒ Grab

Collection (comp begin or grab)

Date 03-11-2020

Time 1155

Eastern

Central

Composite end

Date

Time

Bottle

Group(s)

(See pg 2)

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen

☒ mg/L

Total Res. Chlorine

☐ % sat

(mg/L)

Temp

(C) 19.5

pH

7.06

Sample

Depth 0.05

☐ ft

Sp. Conductance

☒ m

(umho/cm)

471.8

☐ dd

Salinity

☐ dms

(ppt) 0.23

Comments

Trash can full of trash in water.

☐ Comp☒ Grab

Collection (comp begin or grab)

Date 03-11-2020

Time 1210

Eastern

Central

Composite end

Date

Time

Bottle

Group(s)

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen

☒ mg/L

Total Res. Chlorine

☐ % sat

(mg/L)

Temp

(C) 18.6

pH

7.14

Sample

Depth 0.3

☐ ft

Sp. Conductance

☒ m

(umho/cm)

317

☐ dd

Salinity

☐ dms

(ppt) 0.15

Comments

☐ Comp☐ Grab

Collection (comp begin or grab)

Date

Time

Eastern

Central

Composite end

Date

Time

Bottle

Group(s)

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen

☐ mg/L

Total Res. Chlorine

☐ % sat

(mg/L)

Temp

(C)

pH

Sample

Depth

☐ ft

Sp. Conductance

☐ m

(umho/cm)

☐ dd

Salinity

☐ dms

(ppt)

Comments

☐ Comp☐ Grab

Collection (comp begin or grab)

Date

Time

Eastern

Central

Composite end

Date

Time

Bottle

Group(s)

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen

☐ mg/L

Total Res. Chlorine

☐ % sat

(mg/L)

Temp

(C)

pH

Sample

Depth

☐ ft

Sp. Conductance

☐ m

(umho/cm)

☐ dd

Salinity

☐ dms

(ppt)

Comments

Relinquished By:

Date/Time

03-11-2020

1500

Shipping Method

FedEx

Number of Coolers Shipped:

1

Received By:

Date/Time

Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 → Sent to ALS lab
	NE-ALS-ECQ						
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 → Sent to ALS lab
	NE-ALS-ENQ						
Group: D	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 → Sent to ALS lab
	NE-ALS-ECQ						

