

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: Desi RQ: 2022-07-04-22 Project: BMAP 2

- 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 5/2/22

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.	Brice Davis	7/5/22	806	23.3	762.7	8.6	100.3	100.3	✓	1.02	(P) F	(L) F
ICV		↓	807	23.3	762.7	8.6	8.55	100.3	✓	1.02	(P) F	(L) F
CCV	K. Villinger	↓	1607	22.7	761.4	8.6	8.66	100.5	✓	1.02	(P) F	(L) F
CCV											P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L. Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.
 Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Brice Davis	7/5/22	744	220225A	3/23	1000	1000	(P) F	(L) F
ICV		↓	748	210917A	9/22	100	100.9	(P) F	(L) F
CCV	K. Villinger	↓	1608	220225B	12/22	15000	14998	(P) F	(L) F
CCV				211122A				P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Brice Davis	7/5/22	753	4203887	2/24	7.01	23.4	7.01	-10.4	(P) F	(L) F
Calibr.		↓	757	2205F96	5/24	4.00	23.3	4.00	167.4	(P) F	(L) F
Calibr.		↓	800	2202A63	7/23	10.02	23.6	10.02	-182.0	(P) F	(L) F
ICV		↓	804	4203887	2/24	7.01	23.4	7.03	-9.4	(P) F	(L) F
CCV	K. Villinger	↓	1612	2205F96	5/24	4.00	23.1	4.11	160.2	(P) F	(L) F
CCV		↓	1617	2202A63	7/23	10.02	23.4	10.06	-145.4	(P) F	(L) F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ; mV pH 4 Range $+180 \pm 50$; mV pH 10 Range -180 ± 50 ;
 If mV are recorded: slope from 7 to 10 171.6, slope from 4 to 7 177.8 (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: 5/2/22

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	Brice Davis	7/5/22	808	0.00	0.00	(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:

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: <u>7/5/2022</u>	Collected By: <u>Katrin Villinger, Brian Davis</u>
Customer: <u>NE-DIST</u>	Sampling Agency: <u>FDEP</u>
RQ: <u>RQ-2022-07-04-22</u>	Project ID: <u>BMAP</u>

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

Number of Coolers Shipped: 0

Delivery Method: HandDelivered

FIELD ID (Labels) submitted under this RQ for this collection date.

Site Location	Field ID/WIN ID
GOODBYS CR ABOVE WEST BRANCH AT SAN CLERC	 20030891
CRAIG CR @ HENDRICKS AVE	 20030793
CRAIG CR. 100m DOWN FROM FOOTBRIDGE IN PARK	 20030958
MONCRIEF CR AT MONCRIEF ROAD	 20030726
MONCRIEF CR @ 21ST ST	 20030897
TROUT R @ DINSMORE BOAT RAMP DOCK NR US 1	 20030123
TROUT RIVER AT OLD KINGS RD	 20030753
TERRAPIN CREEK AT FAYE ROAD	 20030653

NW TRIBUTARY TO OPEN CR AT HODGES



20030848

RELINQUISHED BY(SIGNATURE):

A handwritten signature in black ink, appearing to be 'K. So'.

DATE/TIME: 7/5/2022

1600EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected Date:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

BASIN MANAGEMENT ACTION PLAN Field Sheet

July 2022

Meter
Passed End
of Day CCV

Yes / No

WIN Station Name:	TROUT R @ DINSMORE BOAT RAMP DOCK NR US 1				Sample Date:	7/5/2022	
WIN / Field ID:	20030123	ORG ID:	21FLA	ENR:			
County:	DUVAL	WBID:	2203B	ESTUARY			
Receiving Body of Water:	St Johns River Above Dames Point				RQ-	2022-07-04-22	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katrin Villinger		x		x	x
Brian Davis	x		x		

Sampling Equipment			
x	Sample Container	Carboy	
	Dipper	Van Dorn	
	Syringe	x Pole	Na
Syringe Lot#		Filter Lot#	
Secchi Equipment ID:		D#3	
Collection Method			
	Wading	Canoe/Kayak	
x	From Shore	Electric Motor	
		Gasoline Motor	
Depth Measured With Meter			

Water Level:	Normal
Flow:	Flowing
Matrix:	Marine
Tide Stage:	N/A
High Tide:	
Low Tide:	
Photos:	No
Meter ID:	Desi

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPT _h)
EST	1105	0.6	0.3	2.57	34.5	29.1	6.82	0.6	9130	5.08
								VOB (s)		

Biological Samples Collected:	None									
SBIO Visit ID:	HA ID:	RPS ID:	Macrophyte ID:	LIMS Sample ID Entered Into The Macrophyte Module:						

Parameter Suite	Parameter Methods (LIMS Test Codes)			Preservation			
				Type	Lot#	Expiration Date	pH Check
Microbiology	Contract Lab	Enterococci		ICE			
Chlorophyll		Diversified					
Physical/Aggregate Nutrients							
Filtered Nutrients							
Acid Preserved Nutrients							
Metals							
Organics (LC)							
Macroinvertebrates							
Organics (GC)							
Molecular							
Periphyton							
Phytoplankton							
BOD							
Other(s)							
Field Comments:							
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.						
Relinquish Date:	07/05/2022	Signature:					

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ QC Station ID, Field Parameters In LIMS DMT: _____

Save Field Sheets on Network: BD 07/05/2022 (Initials/Date) Migrate Data to WIN: _____ (Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

BASIN MANAGEMENT ACTION PLAN Field Sheet

July 2022

Meter
Passed End
of Day CCV
Yes / No

WIN Station Name:	TERRAPIN CREEK AT FAYE ROAD				Sample Date:	7/5/2022	
WIN / Field ID:	20030653	ORG ID:	21FLA	ENR:	-		
County:	DUVAL	WBID:	2204	STREAM			
Receiving Body of Water:	Dunn Creek				RQ-	2022-07-04-22	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katrin Villinger		x		x	x
Brian Davis	x		x		

Sampling Equipment			
x	Sample Container	Carboy	
	Dipper	Van Dorn	
	Syringe	x Pole	Na
Syringe Lot#		Filter Lot#	
Secchi Equipment ID:		D#3	
Collection Method			
	Wading	Canoe/Kayak	
x	From Shore	Electric Motor	
		Gasoline Motor	
Depth Measured With Meter			

Water Level:	Normal
Flow:	Flowing
Matrix:	Fresh
Tide Stage:	
High Tide:	
Low Tide:	
Photos:	No
Meter ID:	Desi

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPT _h)
EST	1145	0.15	0.075	6.97	87.1	26.8	7.01	0.15	78.6	0.04
								VOB (s)		

Biological Samples Collected:	None									
SBIO Visit ID:	HA ID:	RPS ID:	Macrophyte ID:	LIMS Sample ID Entered Into The Macrophyte Module:						

Parameter Suite	Parameter Methods (LIMS Test Codes)			Preservation			
				Type	Lot#	Expiration Date	pH Check
Microbiology	E. coli			ICE			
Chlorophyll	Contract Lab	Diversified					
Physical/Aggregate Nutrients							
Filtered Nutrients							
Acid Preserved Nutrients							
Metals							
Organics (LC)							
Macroinvertebrates							
Organics (GC)							
Molecular							
Periphyton							
Phytoplankton							
BOD							
Other(s)							
Field Comments:	Partly cloudy						
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.						
Relinquish Date:	07/05/2022	Signature:					

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ QC Station ID, Field Parameters In LIMS DMT: _____

Save Field Sheets on Network: BD 07/05/2022 (Initials/Date) Migrate Data to WIN: _____ (Initials/Date)

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

BASIN MANAGEMENT ACTION PLAN Field Sheet

July 2022

Meter
Passed End
of Day CCV

Yes / No

WIN Station Name:		MONCRIEF CR AT MONCRIEF ROAD				Sample Date:		7/5/2022	
WIN / Field ID:	20030726	ORG ID:	21FLA	ENR:	-	Latitude:	30.37028		
County:	DUVAL	WBID:	2228B	STREAM		Longitude:	-81.68383		
Receiving Body of Water:		Trout River Lower Reach				RQ-	2022-07-04-22		

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katrin Villinger		x		x	x
Brian Davis	x		x		

Sampling Equipment			
x	Sample Container	Carboy	
	Dipper	Van Dorn	
	Syringe	x Pole	NA
Syringe Lot#		Filter Lot#	
Secchi Equipment ID:		D#3	
Collection Method			
	Wading	Canoe/Kayak	
x	From Shore	Electric Motor	
		Gasoline Motor	
Depth Measured With Meter			

Water Level:	Normal
Flow:	Flowing
Matrix:	Fresh
Tide Stage:	N/A
High Tide:	
Low Tide:	
Photos:	No
Meter ID:	Desi

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPT _h)
EST	1015	0.7	0.3	2.63	33.8	28.5	7.31	0.7	211.6	0.1
								VOB (s)		

Biological Samples Collected: None**SBIO Visit ID:** **HA ID:** **RPS ID:** **Macrophyte ID:** **LIMS Sample ID Entered Into The Macrophyte Module:**

Parameter Suite	Parameter Methods (LIMS Test Codes)			Preservation			
				Type	Lot#	Expiration Date	pH Check
Microbiology	E. coli			ICE			
	Contract Lab	Diversified					
Chlorophyll							
Physical/Aggregate Nutrients							
Filtered Nutrients							
Acid Preserved Nutrients							
Metals							
Organics (LC)							
Macroinvertebrates							
Organics (GC)							
Molecular							
Periphyton							
Phytoplankton							
BOD							
Other(s)							
Field Comments:	Partly cloudy						
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.						
Relinquish Date:	07/05/2022	Signature:					

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: _____ (Initials/Date)

Save Field Sheets on Network: BD 07/05/2022 (Initials/Date) Migrate Data to WIN: _____ (Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

BASIN MANAGEMENT ACTION PLAN Field Sheet

July 2022

Meter
Passed End
of Day CCV

Yes / No

WIN Station Name:		TROUT RIVER AT OLD KINGS RD				Sample Date:		7/5/2022	
WIN / Field ID:	20030753	ORG ID:	21FLA	ENR:	-	Latitude:	30.43128		
County:	DUVAL	WBID:	2203	STREAM		Longitude:	-81.76858		
Receiving Body of Water:		St Johns River Above Dames Point				RQ-	2022-07-04-22		

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katrin Villinger	x		x		
Brian Davis		x		x	x

Sampling Equipment			
x	Sample Container	Carboy	
	Dipper	Van Dorn	
	Syringe	x Pole	Na
Syringe Lot#		Filter Lot#	
Secchi Equipment ID:			
Collection Method			
	Wading	Canoe/Kayak	
x	From Shore	Electric Motor	
		Gasoline Motor	
Depth Measured With Meter			

Water Level:	Normal
Flow:	Flowing
Matrix:	Fresh
Tide Stage:	Falling
High Tide:	NA
Low Tide:	NA
Photos:	No
Meter ID:	Desi

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPT _h)
EST	1115	0.352	0.15	5.94	73.7	26.3	7.12	0.352	95.7	0.04
								VOB (s)		

Biological Samples Collected:		None								
SBIO Visit ID:	HA ID:	RPS ID:	Macrophyte ID:	LIMS Sample ID Entered Into The Macrophyte Module:						

Parameter Suite	Parameter Methods (LIMS Test Codes)			Preservation			
				Type	Lot#	Expiration Date	pH Check
Microbiology	E. coli			ICE			
	Contract Lab	Diversified					
Chlorophyll							
Physical/Aggregate Nutrients							
Filtered Nutrients							
Acid Preserved Nutrients							
Metals							
Organics (LC)							
Macroinvertebrates							
Organics (GC)							
Molecular							
Periphyton							
Phytoplankton							
BOD							
Other(s)							
Field Comments:	Partly cloudy						
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.						
Relinquish Date:	07/05/2022	Signature:					

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: _____ (Initials/Date)	
Save Field Sheets on Network: BD 07/05/2022 (Initials/Date)		Migrate Data to WIN: _____ (Initials/Date)	

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

BASIN MANAGEMENT ACTION PLAN Field Sheet

July 2022

Meter
Passed End
of Day CCV

Yes / No

WIN Station Name:		CRAIG CR @ HENDRICKS AVE				Sample Date:		7/5/2022	
WIN / Field ID:	20030793	ORG ID:	21FLA	ENR:		Latitude:	30.29631		
County:	DUVAL	WBID:	2297B	ESTUARY		Longitude:	-81.64803		
Receiving Body of Water:		St Johns River Above Warren Bridge				RQ-	2022-07-04-22		

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
		x		x	x
	Katrin Villinger		x		
	Brian Davis	x		x	

Sampling Equipment			
x	Sample Container	Carboy	
	Dipper	Van Dorn	
	Syringe	x	Pole Na
Syringe Lot#		Filter Lot#	
Secchi Equipment ID:		D#3	
Collection Method			
	Wading	Canoe/Kayak	
x	From Shore	Electric Motor	
		Gasoline Motor	
Depth Measured With Meter			

Water Level:	Normal
Flow:	Flowing
Matrix:	Marine
Tide Stage:	Rising
High Tide:	NA
Low Tide:	NA
Photos:	No
Meter ID:	Desi

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPT _h)
EST	935	0.7	0.3	0.51	6.9	29.7	6.98	0.7	12305	7.01
								VOB (s)		

Biological Samples Collected: None**SBIO Visit ID:** **HA ID:** **RPS ID:** **Macrophyte ID:** **LIMS Sample ID Entered Into The Macrophyte Module:**

Parameter Suite	Parameter Methods (LIMS Test Codes)	Preservation			
		Type	Lot#	Expiration Date	pH Check
Microbiology	Contract Lab Enterococci	ICE			
Chlorophyll	Diversified				
Physical/Aggregate Nutrients					
Filtered Nutrients					
Acid Preserved Nutrients					
Metals					
Organics (LC)					
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
Other(s)					
Field Comments:	Sunny				
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.				
Relinquish Date:	07/05/2022	Signature:			

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: _____ (Initials/Date)

Save Field Sheets on Network: BD 07/05/2022 _____ (Initials/Date) Migrate Data to WIN: _____ (Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

BASIN MANAGEMENT ACTION PLAN Field Sheet

July 2022

Meter
Passed End
of Day CCV
Yes / No

WIN Station Name:	NW TRIBUTARY TO OPEN CR AT HODGES				Sample Date:	7/5/2022	
WIN / Field ID:	20030848	ORG ID:	21FLA	ENR:	-		
County:	DUVAL	WBID:	2299B	STREAM			
Receiving Body of Water:	ICWW Duval. St Johns County				RQ-	2022-07-04-22	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katrin Villinger		x		x	x
Brian Davis	x		x		

Sampling Equipment			
x	Sample Container	Carboy	
	Dipper	Van Dorn	
	Syringe	x Pole	Na
Syringe Lot#		Filter Lot#	
Secchi Equipment ID:		D#3	
Collection Method			
	Wading	Canoe/Kayak	
x	From Shore	Electric Motor	
		Gasoline Motor	
Depth Measured With Meter			

Water Level:	Normal
Flow:	Flowing
Matrix:	Fresh
Tide Stage:	
High Tide:	
Low Tide:	
Photos:	No
Meter ID:	Desi

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPT _h)
EST	1220	0.2	0.1	6.33	81.4	28.3	6.96	0.2	382.2	0.18
								VOB (s)		

Biological Samples Collected: None

SBIO Visit ID: HA ID: RPS ID: Macrophyte ID: LIMS Sample ID Entered Into The Macrophyte Module:

Parameter Suite	Parameter Methods (LIMS Test Codes)			Preservation			
				Type	Lot#	Expiration Date	pH Check
Microbiology	E. coli			ICE			
Chlorophyll	Contract Lab	Diversified					
Physical/Aggregate Nutrients							
Filtered Nutrients							
Acid Preserved Nutrients							
Metals							
Organics (LC)							
Macroinvertebrates							
Organics (GC)							
Molecular							
Periphyton							
Phytoplankton							
BOD							
Other(s)							
Field Comments:	Cloudy						
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.						
Relinquish Date:	07/05/2022	Signature:					

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: QC Station ID, Field Parameters in LIMS DMT:

Save Field Sheets on Network: BD 07/05/2022 Migrate Data to WIN:

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

BASIN MANAGEMENT ACTION PLAN Field Sheet

July 2022

Meter
Passed End
of Day CCV

Yes / No

WIN Station Name:	GOODBYS CR ABOVE WEST BRANCH AT SAN CLERC				Sample Date:	7/5/2022	
WIN / Field ID:	20030891	ORG ID:	21FLA	ENR:	-		
County:	DUVAL	WBID:	2326A	STREAM			
Receiving Body of Water:	St Johns River Above Piney Point				RQ-	2022-07-04-22	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katrin Villinger	x		x		
Brian Davis		x		x	x

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe	x	Pole
			Na
	Syringe Lot#		Filter Lot#
	Secchi Equipment ID:		
Collection Method			
	Wading		Canoe/Kayak
x	From Shore		Electric Motor
			Gasoline Motor
	Depth Measured With		<i>Meter</i>

Water Level:	Normal
Flow:	Flowing
Matrix:	Fresh
Tide Stage:	Falling
High Tide:	NA
Low Tide:	NA
Photos:	No
Meter ID:	Desi

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPT _h)
EST	915	0.34	0.15	4.12	51.5	26.6	7.55	0.34	389.3	0.19
								VOB (s)		

Biological Samples Collected: None**SBIO Visit ID:** **HA ID:** **RPS ID:** **Macrophyte ID:** **LIMS Sample ID Entered Into The Macrophyte Module:**

Parameter Suite	Parameter Methods (LIMS Test Codes)			Preservation			
				Type	Lot#	Expiration Date	pH Check
Microbiology	E. coli			ICE			
	Contract Lab	Diversified					
Chlorophyll							
Physical/Aggregate Nutrients							
Filtered Nutrients							
Acid Preserved Nutrients							
Metals							
Organics (LC)							
Macroinvertebrates							
Organics (GC)							
Molecular							
Periphyton							
Phytoplankton							
BOD							
Other(s)							
Field Comments:	Sunny						
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.						
Relinquish Date:	07/05/2022	Signature:					

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: _____ (Initials/Date)

Save Field Sheets on Network: BD 07/05/2022 (Initials/Date) Migrate Data to WIN: _____ (Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

BASIN MANAGEMENT ACTION PLAN Field Sheet

July 2022

Meter
Passed End
of Day CCV
Yes / No

WIN Station Name:		MONCRIEF CR @ 21ST ST				Sample Date:		7/5/2022	
WIN / Field ID:	20030897	ORG ID:	21FLA	ENR:	-	Latitude:	30.35667		
County:	DUVAL	WBID:	2228B	STREAM		Longitude:	-81.69108		
Receiving Body of Water:		Trout River Lower Reach				RQ-	2022-07-04-22		

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katrin Villinger	x		x		
Brian Davis		x		x	x

Sampling Equipment			
x	Sample Container	Carboy	
	Dipper	Van Dorn	
	Syringe	x Pole	Na
Syringe Lot#		Filter Lot#	
Secchi Equipment ID:			
Collection Method			
	Wading	Canoe/Kayak	
x	From Shore	Electric Motor	
		Gasoline Motor	
Depth Measured With Meter			

Water Level:	Normal
Flow:	Flowing
Matrix:	Fresh
Tide Stage:	
High Tide:	
Low Tide:	
Photos:	No
Meter ID:	Desi

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPT _h)
EST	1030	0.276	0.13	2.65	33.3	26.4	7.24	0.276	416.2	0.2
								VOB (s)		

Biological Samples Collected: None

SBIO Visit ID: HA ID: RPS ID: Macrophyte ID: LIMS Sample ID Entered Into The Macrophyte Module:

Parameter Suite	Parameter Methods (LIMS Test Codes)			Preservation			
				Type	Lot#	Expiration Date	pH Check
Microbiology	E. coli			ICE			
	Contract Lab	Diversified					
Chlorophyll							
Physical/Aggregate Nutrients							
Filtered Nutrients							
Acid Preserved Nutrients							
Metals							
Organics (LC)							
Macroinvertebrates							
Organics (GC)							
Molecular							
Periphyton							
Phytoplankton							
BOD							
Other(s)							
Field Comments:	Partly cloudy						
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.						
Relinquish Date:	07/05/2022	Signature:					

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT:

Save Field Sheets on Network: BD 07/05/2022 (Initials/Date) Migrate Data to WIN: (Initials/Date)

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

BASIN MANAGEMENT ACTION PLAN Field Sheet

July 2022

Meter
Passed End
of Day CCV

Yes / No

WIN Station Name:	CRAIG CR. 100m DOWN FROM FOOTBRIDGE IN PARK				Sample Date:	7/5/2022	
WIN / Field ID:	20030958	ORG ID:	21FLA	ENR:			
County:	DUVAL	WBID:	2297B	ESTUARY			
Receiving Body of Water:	St Johns River Above Warren Bridge				RQ-	2022-07-04-22	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katrin Villinger	x		x		
Brian Davis		x		x	x

Sampling Equipment			
x	Sample Container	Carboy	
	Dipper	Van Dorn	
	Syringe	x	Pole Na
Syringe Lot#		Filter Lot#	
Secchi Equipment ID:			
Collection Method			
	Wading	Canoe/Kayak	
x	From Shore	Electric Motor	
		Gasoline Motor	
Depth Measured With Meter			

Water Level:	Normal
Flow:	Flowing
Matrix:	Marine
Tide Stage:	Falling
High Tide:	NA
Low Tide:	NA
Photos:	No
Meter ID:	Desi

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPT _h)
EST	945	0.403	0.2	1.81	25.1	30.1	7.07	0.403	13836	7.87
								VOB (s)		

Biological Samples Collected: None

SBIO Visit ID: HA ID: RPS ID: Macrophyte ID: LIMS Sample ID Entered Into The Macrophyte Module:

Parameter Suite	Parameter Methods (LIMS Test Codes)			Preservation			
				Type	Lot#	Expiration Date	pH Check
Microbiology	Contract Lab	Enterococci		ICE			
Chlorophyll		Diversified					
Physical/Aggregate Nutrients							
Filtered Nutrients							
Acid Preserved Nutrients							
Metals							
Organics (LC)							
Macroinvertebrates							
Organics (GC)							
Molecular							
Periphyton							
Phytoplankton							
BOD							
Other(s)							
Field Comments:	Sunny						
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.						
Relinquish Date:	07/05/2022	Signature:					

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT:

Save Field Sheets on Network: BD 07/05/2022 (Initials/Date) Migrate Data to WIN: (Initials/Date)

(Initials/Date)

(Initials/Date)



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number:

(Lab Use Only)

3653 Regent Boulevard, Suite # 509

Jacksonville, FL 32224

P. (904) 807-9625 E. info@delilab.com

F. (904) 807-9627

Page ____ of ____

Company Name Florida Department of Environmental Protection									Container Information (Qty, Size, & Type)				Sample Matrix Codes:				
Address 8800 Baymeadows Way W Ste 100									NPW	NPW	NPW						A. Air P. Petroleum B. Bulk S. Soil/Sludge W. Wipe O. Other _____ PW. Potable Water NPW. Non-Potable Water
City Jacksonville State FL Zip 32256																	
Attn. Jeremy Parrish Jeremy.M.Parrish@floridadep.gov																	
Tel. E-mail or Fax DEP-Overflowmicro@dep.state.fl.us									Container Preservation Codes				Sample Kit or Container Lot #				
Project Name BMAP1									6	6	6						
Project Number RQ-2022-07-04-22									Parameters				Preservation Codes:				
Project Location									E. Coli - Quantitray	Enterococci - Quantitray	Coliform, Fecal - MF 3 Dilutions						0. None 5. Na2S2O3 1. H2SO4 6. Crushed Ice (4C) 2. HNO3 7. C6H8O6 3. HCl 8. NH4Cl 4. NaOH 9. Other: (List)
Sampler Name/Signature Brian Davis B-D																	
Transfer #	Sample # (Lab Use Only)	Sample Identification	Date Sampled	Time Sampled	Sample Matrix Code	Specific Cond. (Field)	Comp	Grab								Thermal Preservation:	
																In Crushed Ice? Yes / No	
																Cooler Temp: 0.3 °C	
																Sample Cont. Temp: 4.9 °C	
1		20030891	7/5/22	915	NPW	387.3		✓	1							Turnaround Requested:	
2		20030793		935		12305				1						☒ Standard (10 Business Days)	
3		20030958		945		13736				1						☐ Semi-Rush (3-5 Business Days)	
4		20030726		1015		211.6				1						☐ Rush (1-2 Business Days)	
5		20030897		1030		416.2				1						Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples.	
6		20030123		1105		9130				1						Billing Information:	
7		20030753		1115		95.7				1						☐ Invoice with Report	
8		20030653		1145		78.6				1						☐ Invoice to Accounting	
9		20030848		1220		382.2				1						Req. # _____	
0																P.O. # _____	
Special Instructions						Transfer Numbers		Relinquished By		Date / Time		Received By		Date / Time			
						1-9		Brian Davis		7/5/22 1235				07/05/22 1235			



Certification #E821059

Lab General Form 059, Rev. #1, Rev. Date: 02/07/22, Effective Date: 02/07/22.

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