



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 21ST ST				Sample Date:	6/10/2024	
WIN / Field ID:	20030897	ORG ID:	21FLA	ENR:	-	Latitude:	30.35667
County:	DUVAL	WBID:	2228B	STREAM	3F	Longitude:	-81.69108
Receiving Body of Water:	Trout River				RQ-	2024-06-10-49	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Haylee Brown		x		x	
Alee Knoell	x		x		

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

Water Level:	Normal
Flow:	No Flow
Matrix:	Fresh
Tide Stage:	
High Tide:	
Low Tide:	
Photos:	No
Meter ID:	Bruce
Depth Gauge ID:	depth_gauge

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 (PPTth)
EST	1115	0.102	0.05	1.22	14.9	25.6	7.27	0.102	479.5	0.23
VOB (s)										

Biological Samples Collected: None

SBIO Visit ID: HA ID: RPS ID: Macrophyte ID: LIMS Sample ID
In The Macrophyte Module:

Parameter Suite	Parameter Methods (LIMS Test Codes)	Type	Lot#	Expiration Date	pH Check
Microbiology	E. coli Contract Lab	Diversified			
Chlorophyll					
Physical/Aggregate Nutrients					
Filtered Nutrients					
Acid Preserved Nutrients					
Metals					
Organics (LC)					
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
DOC					
Other(s)					
Field Comments:					
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.				
Relinquish Date:	06/10/2024	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: HB 6/10/2024 (Initials/Date) Migrate Data to WIN: (Initials/Date)



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Yes / No

WIN Station Name:		TERRAPIN CREEK AT FAYE ROAD				Sample Date:		6/10/2024	
WIN / Field ID:	20030653	ORG ID:	21FLA	ENR:	-	Latitude:	30.43436		
County:	DUVAL	WBID:	2204	STREAM		Longitude:	-81.56556		
Receiving Body of Water:		Dunn Creek				RQ-	2024-06-10-49		

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Haylee Brown		x		x	x
Alee Knoell	x		x		

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

Water Level:	Low
Flow:	No Flow
Matrix:	Fresh
Tide Stage:	
High Tide:	
Low Tide:	
Photos:	No
Meter ID:	Bruce
Depth Gauge ID:	depth_gauge

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 (PPTth)
EST	1145	0.1	0.05	4	48.7	25.4	6.95	0.1	193.2	0.09
								VOB (s)		

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

Parameter Suite	Parameter Methods (LIMS Test Codes)			Preservation			
				Type	Lot#	Expiration Date	pH Check
Microbiology	E. coli	Contract Lab	Diversified	ICE			
Chlorophyll							
Physical/Aggregate Nutrients							
Filtered Nutrients					Syringe Lot#; Filter Lot#:		
Acid Preserved Nutrients							
Metals							
Organics (LC)							
Macroinvertebrates							
Organics (GC)							
Molecular							
Periphyton							
Phytoplankton							
BOD							
DOC					SyringeLot#	FilterLot#	
Other(s)							
Field Comments:							
Comments on COC: Microbiology sample(s) submitted to contract laboratory.							
Relinquish Date:	06/10/2024	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: HB 6/10/2024	Migrate Data to WIN:
(Initials/Date)	(Initials/Date)



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Yes / No

WIN Station Name:	TROUT R AT DINSMORE BOAT RAMP DOCK NR US 1				Sample Date:	6/10/2024	
WIN / Field ID:	20030123	ORG ID:	21FLA	ENR:	-	Latitude:	30.43662
County:	DUVAL	WBID:	2203B	ESTUARY	3M	Longitude:	-81.76118
Receiving Body of Water:	St Johns River Above Dames Point				RQ-	2024-06-10-49	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Haylee Brown		x		x	
Alee Knoell	x		x		

Sampling Equipment			
x	Sample Container	Carboy	
	Dipper	Van Dorn	
	Syringe	Pole	
Syringe Lot#		Filter Lot#	
Secchi Equipment ID:		Disco	
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:	Slack
High Tide:	NA
Low Tide:	NA
Photos:	Yes
Meter ID:	Bruce
Depth Gauge ID:	depth_gauge

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	1035	0.864	0.3	3.41	48.8	30	6.78	0.68	23770	14.29

Biological Samples Collected: None

SBIO Visit ID: HA ID: RPS ID: Macrophyte ID: LIMS Sample ID
In The Macrophyte Module:

Parameter Suite	Parameter Methods (LIMS Test Codes)	Type	Lot#	Expiration Date	pH Check
Microbiology	Contract Lab Enterococci Diversified	ICE			
Chlorophyll					
Physical/Aggregate Nutrients					
Filtered Nutrients			Syringe Lot#; Filter Lot#:		
Acid Preserved Nutrients					
Metals					
Organics (LC)					
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
DOC			SyringeLot#	FilterLot#	
Other(s)					
Field Comments:					
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.				
Relinquish Date:	06/10/2024	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: HB 6/10/2024 (Initials/Date) Migrate Data to WIN: (Initials/Date)



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Yes / No

WIN Station Name:	MONCRIEF CR AT MONCRIEF ROAD				Sample Date:	6/10/2024	
WIN / Field ID:	20030726	ORG ID:	21FLA	ENR:	-	Latitude:	30.37028
County:	DUVAL	WBID:	2228B	STREAM	3F	Longitude:	-81.68383
Receiving Body of Water:	Trout River				RQ-	2024-06-10-49	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Haylee Brown		x		x	
Alee Knoell	x		x		

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe		Pole
Syringe Lot#		Filter Lot#	
Secchi Equipment ID:		Disco	
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:	Bruce
Depth Gauge ID:	depth_gauge

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 (PPTth)
EST	1055		0.103	2.38	28.9	24.9	7.27	0.205	484.5	0.24
		0.205								
								VOB (s)		

Biological Samples Collected: None

SBIO Visit ID: HA ID: RPS ID: Macrophyte ID: LIMS Sample ID
In The Macrophyte Module:

Parameter Suite	Parameter Methods (LIMS Test Codes)	Type	Lot#	Expiration Date	pH Check
Microbiology	E. coli Contract Lab	Diversified			
Chlorophyll					
Physical/Aggregate Nutrients					
Filtered Nutrients					
Acid Preserved Nutrients					
Metals					
Organics (LC)					
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
DOC					
Other(s)					
Field Comments:					
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.				
Relinquish Date:	06/10/2024	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: HB 6/10/2024 (Initials/Date) Migrate Data to WIN: (Initials/Date)

(Initials/Date) (Initials/Date)



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Yes / No

WIN Station Name:	TROUT RIVER AT OLD KINGS RD				Sample Date:	6/10/2024	
WIN / Field ID:	20030753	ORG ID:	21FLA	ENR:	-	Latitude:	30.43128
County:	DUVAL	WBID:	2203	STREAM	3F	Longitude:	-81.76858
Receiving Body of Water:	St Johns River Above Dames Point				RQ-	2024-06-10-49	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Haylee Brown		x			x
Alee Knoell	x		x		

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

Water Level:	Low
Flow:	Flowing
Matrix:	Marine
Tide Stage:	Slack
High Tide:	NA
Low Tide:	NA
Photos:	No
Meter ID:	Bruce
Depth Gauge ID:	depth_gauge

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 (PPTth)
EST	1015	0.584	0.3	1.79	22.6	25.6	6.84	0.584	8430	4.66
VOB (s)										

Biological Samples Collected: None

SBIO Visit ID: HA ID: RPS ID: Macrophyte ID: LIMS Sample ID
In The Macrophyte Module:

Parameter Suite	Parameter Methods (LIMS Test Codes)	Type	Lot#	Expiration Date	pH Check
Microbiology	E. coli Contract Lab	Diversified			
Chlorophyll					
Physical/Aggregate Nutrients					
Filtered Nutrients					
Acid Preserved Nutrients					
Metals					
Organics (LC)					
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
DOC					
Other(s)					
Field Comments:					
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.				
Relinquish Date:	06/10/2024	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: HB 6/10/2024 (Initials/Date) Migrate Data to WIN: (Initials/Date)

(Initials/Date) (Initials/Date)



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July 2022

Meter
Passed End
of Day CCV

Yes / No

WIN Station Name:	NW TRIBUTARY TO OPEN CR AT HODGES				Sample Date:	6/10/2024	
WIN / Field ID:	20030848	ORG ID:	21FLA	ENR:	-	Latitude:	30.27738
County:	DUVAL	WBID:	2299B	STREAM	3F	Longitude:	-81.46117
Receiving Body of Water:	ICWW Duval. St Johns County				RQ-	2024-06-10-49	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Haylee Brown		x		x	
Alee Knoell	x		x		

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe		Pole
Syringe Lot#		Filter Lot#	
Secchi Equipment ID:		Disco	
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:	Bruce
Depth Gauge ID:	depth_gauge

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 (PPTth)
EST	1215	0.1	0.05	5.95	75.5	27.5	7.38	0.1	474.2	0.23
								VOB (s)		

Biological Samples Collected: None

SBIO Visit ID: HA ID: RPS ID: Macrophyte ID: LIMS Sample ID
In The Macrophyte Module:

Parameter Suite	Parameter Methods (LIMS Test Codes)	Type	Lot#	Expiration Date	pH Check
Microbiology	E. coli Contract Lab	Diversified			
Chlorophyll					
Physical/Aggregate Nutrients					
Filtered Nutrients					
Acid Preserved Nutrients					
Metals					
Organics (LC)					
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
DOC					
Other(s)					
Field Comments:					
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.				
Relinquish Date:	06/10/2024	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: HB 6/10/2024 Migrate Data to WIN:

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: Bruce

RQ: 2024-06-10-49

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 4/1/24

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.	Aknoell	6/10/24	845	25.0	756.8	8.2	8.27	99.9	—	1.0254	(P) F	(L) F
ICV	↓	↓	847	25.3	757.0	8.2	8.2	99.8	—	1.0254	(P) F	(L) F
CCV	Aknoell	6/10/24	1322	23.3	755.9	8.5	842	98.7	—	1.0254	(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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Aknoell	6/10/24	852	240208B	02/25	1000	1000	(P) F	(L) F
ICV	↓	↓	856	230612A	06/24	100	100.2	(P) F	(L) F
CCV	Aknoell	6/10/24	1325	231103C	11/24	50000	50177	(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 #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Aknoell	6/10/24	901	43080549	9/7/23	7.00	26.0	7.00	-32.5	(P) F	(L) F
Calibr.	↓	↓	904	44020143	2/24/26	4.00	25.2	4.00	143.4	(P) F	(L) F
Calibr.	↓	↓	909	43080574	9/9/25	10.99	25.5	9.99	-205.7	(P) F	(L) F
ICV	↓	↓	914	44020143	2/24/26	4.00	25.8	3.99	144.1	(P) F	(L) F
CCV	Aknoell	6/10/24	1333	44020286	2/27/26	10.01	24.4	9.93	-202.1	(P) F	(L) F
CCV										P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ; mV pH 4 Range $\pm 180 \pm 50$; mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 173.2, slope from 4 to 7 175.9 (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: 4/1/24

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	Aknoell	6/10/24	916	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:



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@delillab.com
F. (904) 807-9627

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Container Information (Qty, Size, & Type)

NPW
NPW
NPW

Sample Matrix Codes

A. Air P. Petroleum
B. Bulk S. Soil/Sludge
W. Wipe O. Other
PW. Potable Water
NPW. Non-Potable Water

Container Preservation Codes

Sample Kit or Container Lot #

6 6 6

Parameters

Preservation Codes

0. None 5. Na2S2O3
1. H2SO4 6. Crushed Ice (4C)
2. HNO3 7. C6H8O6
3. HCl 8. NH4Cl
4. NaOH 9. Other: (List)

Thermal Preservation

In Crushed Ice? ☒ Yes / No
Cooler Temp: NA °C
Sample Cool Temp: 1.4 °C

Company Name Florida Department of Environmental Protection
Address 8800 Baymeadows Way W Ste 100
City Jacksonville State FL Zip 32256
Attn. Jeremy Parrish Jeremy.M.Parrish@floridadep.gov
Tel. E-mail or Fax DEP-Overflownmicro@dep.state.fl.us
Project Name BMAP 2
Project Number RO-2024-Div-10-49
Project Location
Sampler Name/Signature Haylee Brown

Transfer # (Lab Use Only)	Sample #	Sample Identification	Date Sampled	Time Sampled	Sample Matrix Code	Specific Cond. (Field)	Comp	Grab
1		20030753	6/10/24	1015	NPW	8430	X	1
2		20030123		1035		23710	X	1
3		20030726		1055		4845	X	1
4		*20030897		1115		4795	X	1
5		*20030653		1145		1932	X	1
6		20030848		1215		4742	X	1
7								
8								
9								
0								

Special Instructions:

* = 10x Dilution

Transfer Numbers

1-6 Haylee Brown

Relinquished By

Date / Time

6/10/24 1233

Received By

Date / Time

06/10/24 1233

Billing Information

Invoice with Report
Invoice to Accounting

Req. #:

P.O. #:



Certification #E321059

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

Visit us online & order kits at: www.delillab.com