

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 10/3/2022	Collected By: Jeremy Parrish, Katherine Halbert
Customer: NE-DIST	Sampling Agency: FDEP
RQ: RQ-2022-10-03-33	Project ID: BMAP

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 a stylized 'J' followed by a wavy line.

DATE/TIME: 10/3/2022

1430EST

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:	GOODBYS CR ABOVE WEST BRANCH AT SAN CLERC				Sample Date:	10/3/2022	
WIN / Field ID:	20030891	ORG ID:	21FLA	ENR:			
County:	Duval	WBID:	2326A	STREAM	3F	Latitude:	30.22544
Receiving Body of Water:	St Johns River Above Piney Point				Longitude:	-81.603861	
					RQ-	2022-10-03-33	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jeremy Parrish	x		x		
Katherine Halbert		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:	NA
Meter ID:	Bruce

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	1005	0.5	0.3	4.06	45.8	21.1	7.08	0.5	393	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	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:	10/03/2022	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: KH 10/03/2022 (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:	10/3/2022	
WIN / Field ID:	20030793	ORG ID:	21FLA	ENR:	-		
County:	Duval	WBID:	2297B	ESTUARY	3M		
Receiving Body of Water:	St Johns River Above Warren Bridge				RQ-	2022-10-03-33	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jeremy Parrish	x		x		
Katherine Halbert		x		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:	Falling
High Tide:	700
Low Tide:	1300
Photos:	No
Meter ID:	Bruce

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	1	0.3	0.4	6	24.2	6.99	0.5	34125	21.24

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	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:	10/03/2022	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: KH 10/03/2022 (Initials/Date) Migrate Data to WIN: (Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

BASIN MANAGEMENT ACTION PLAN Field Sheet

July 2022

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of Day CCV
Yes / No

WIN Station Name:	CRAIG CR. 100m DOWN FROM FOOTBRIDGE IN PARK				Sample Date:	10/3/2022	
WIN / Field ID:	20030958	ORG ID:	21FLA	ENR:	-	Latitude:	30.29522
County:	Duval	WBID:	2297B	ESTUARY	3M	Longitude:	-81.649892
Receiving Body of Water:	St Johns River Above Warren Bridge				RQ-	2022-10-03-33	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jeremy Parrish	x		x		
Katherine Halbert		x		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:	Falling
High Tide:	700
Low Tide:	1300
Photos:	NA
Meter ID:	Bruce

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	1040	0.52	0.3	3.1	37.2	23.4	7	0.4	9883	5.57

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 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:	10/03/2022	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: KH 10/03/2022 (Initials/Date) Migrate Data to WIN: (Initials/Date)

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION****BASIN MANAGEMENT ACTION PLAN Field Sheet**

July 2022

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Yes / No

WIN Station Name:		MONCRIEF CR AT MONCRIEF ROAD				Sample Date:		10/3/2022							
WIN / Field ID:		20030726		ORG ID:		21FLA		ENR:		Latitude:		30.37028			
County:		Duval		WBID:		2228B		STREAM		3F		Longitude:		-81.683833	
Receiving Body of Water:		Trout River Lower Reach				RQ-		2022-10-03-33							

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check					
Jeremy Parrish						x		x		
Katherine Halbert							x		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:	Bruce

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	0.4	0.3	5.38	61.5	21.6	7.37	0.4	403	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				
Chlorophyll	Diversified				
Physical/Aggregate Nutrients					
Filtered Nutrients				Syringe Lot#; Filter Lot#:	
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:	10/03/2022	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: _____ KH 10/03/2022 (Initials/Date)

Migrate Data to WIN: _____ (Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

BASIN MANAGEMENT ACTION PLAN Field Sheet

July 2022

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Yes / No

WIN Station Name:	TROUT R @ DINSMORE BOAT RAMP DOCK NR US 1				Sample Date:	10/3/2022	
WIN / Field ID:	20030123	ORG ID:	21FLA	ENR:	-		
County:	Duval	WBID:	2203B	ESTUARY	3M		
Receiving Body of Water:	St Johns River Above Dames Point				RQ-	2022-10-03-33	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jeremy Parrish	x		x		
Katherine Halbert		x		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:	Falling
High Tide:	700
Low Tide:	1300
Photos:	No
Meter ID:	Bruce

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	1135	0.64	0.3	3.69	42.4	21.2	6.64	0.6	4448	2.38

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					Syringe Lot#; Filter Lot#:		
Acid Preserved Nutrients							
Metals							
Organics (LC)							
Macroinvertebrates							
Organics (GC)							
Molecular							
Periphyton							
Phytoplankton							
BOD							
DOC							
Other(s)					SyringeLot#	FilterLot#	
Field Comments:							
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.						
Relinquish Date:	10/03/2022	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: KH 10/03/2022 (Initials/Date) Migrate Data to WIN: _____ (Initials/Date)

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

BASIN MANAGEMENT ACTION PLAN Field Sheet

July 2022

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Yes / No

WIN Station Name:	MONCRIEF CR @ 21ST ST				Sample Date:	10/3/2022		
WIN / Field ID:	20030897	ORG ID:	21FLA	ENR:				
County:	Duval	WBID:	2228B	STREAM	3F		Latitude:	30.35667
Receiving Body of Water:	Trout River Lower Reach				Longitude:	-81.691083		
					RQ-	2022-10-03-33		

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jeremy Parrish	x				
Katherine Halbert		x		x	

Sampling Equipment			
x	Sample Container	Carboy	
	Dipper	Van Dorn	
	Syringe	x	Pole Pole
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:	NA
Meter ID:	Bruce

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	1120	0.2	0.1	5.33	62.1	22.5	7.27	0.2	479	0.23
								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				
Chlorophyll	Diversified				
Physical/Aggregate Nutrients					
Filtered Nutrients				Syringe Lot#; Filter Lot#:	
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:	10/03/2022	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: KH 10/03/2022 (Initials/Date) Migrate Data to WIN: (Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

BASIN MANAGEMENT ACTION PLAN Field Sheet

July 2022

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Yes / No

WIN Station Name:	TROUT RIVER AT OLD KINGS RD				Sample Date:	10/3/2022		
WIN / Field ID:	20030753	ORG ID:	21FLA	ENR:				
County:	Duval	WBID:	2203	STREAM	3F		Latitude:	30.43128
Receiving Body of Water:	St Johns River Above Dames Point				Longitude:	-81.768583		
					RQ-	2022-10-03-33		

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jeremy Parrish	x		x		
Katherine Halbert		x		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:	Falling
High Tide:	700
Low Tide:	1300
Photos:	NA
Meter ID:	Bruce

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	1150	0.4	0.3	6.5	71.6	19.9	6.82	0.4	126.6	0.06
								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	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:	10/03/2022	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: KH 10/03/2022 (Initials/Date)	Migrate Data to WIN: (Initials/Date)

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

BASIN MANAGEMENT ACTION PLAN Field Sheet

July 2022

Meter
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Yes / No

WIN Station Name:	TERRAPIN CREEK AT FAYE ROAD				Sample Date:	10/3/2022		
WIN / Field ID:	20030653	ORG ID:	21FLA	ENR:				
County:	Duval	WBID:	2204	STREAM	3F		Latitude:	30.43436
Receiving Body of Water:	Dunn Creek				Longitude:	-81.565556		
					RQ-	2022-10-03-33		

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jeremy Parrish	x		x		
Katherine Halbert		x		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:	Bruce

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	0.15	0.07	5.55	61.9	20.2	6.52	0.15	182	0.09
								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				
Chlorophyll	Diversified				
Physical/Aggregate Nutrients					
Filtered Nutrients				Syringe Lot#; Filter Lot#:	
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:	10/03/2022	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: KH 10/03/2022 (Initials/Date)

Migrate Data to WIN: (Initials/Date)

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

BASIN MANAGEMENT ACTION PLAN Field Sheet

July 2022

Meter
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Yes / No

WIN Station Name:	NW TRIBUTARY TO OPEN CR AT HODGES				Sample Date:	10/3/2022	
WIN / Field ID:	20030848	ORG ID:	21FLA	ENR:			
County:	Duval	WBID:	2299B	STREAM	3F	Latitude:	30.27738
Receiving Body of Water:	ICWW Duval. St Johns County				Longitude:	-81.461167	
					RQ-	2022-10-03-33	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jeremy Parrish	x		x		
Katherine Halbert		x		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:	Bruce

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	1255	0.23	0.1	6.55	75.2	22.3	6.84	0.23	383	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	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:	10/03/2022	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: KH 10/03/2022 (Initials/Date)

Migrate Data to WIN: (Initials/Date)

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: YSI Bred

RQ: 2022-10-03-33

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 8/1/22

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.	<u>J. Pansh</u>	<u>10/3/22</u>	<u>918</u>	<u>19.1</u>	<u>761.6</u>	<u>9.3</u>	<u>9.3</u>	<u>100.2</u>	<u>-</u>	<u>1.021</u>	<u>0/F</u>	<u>0/F</u>
ICV	<u>I</u>	<u>10/3/22</u>	<u>919</u>	<u>19.1</u>	<u>761.6</u>	<u>9.3</u>	<u>9.3</u>	<u>100.2</u>	<u>-</u>	<u>1.021</u>	<u>0/F</u>	<u>0/F</u>
CCV	<u>J. Pansh</u>	<u>10/3/22</u>	<u>1355</u>	<u>20.0</u>	<u>761</u>	<u>9.1</u>	<u>9.07</u>	<u>99.8</u>	<u>-</u>	<u>-</u>	<u>0/F</u>	<u>0/F</u>
CCV											<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>J. Pansh</u>	<u>10/3/22</u>	<u>920</u>	<u>220719A</u>	<u>7/23</u>	<u>1000</u>	<u>1000</u>	<u>0/F</u>	<u>0/F</u>
ICV	<u>I</u>	<u>10/3/22</u>	<u>922</u>	<u>210417A</u>	<u>9/22</u>	<u>100</u>	<u>103</u>	<u>0/F</u>	<u>0/F</u>
CCV	<u>J. Pansh</u>	<u>10/3/22</u>	<u>1359</u>	<u>220225B</u>	<u>3/23</u>	<u>50000</u>	<u>50237</u>	<u>0/F</u>	<u>0/F</u>
CCV								<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>J. Pansh</u>	<u>10/3/22</u>	<u>930</u>	<u>M074-20</u>	<u>3/24</u>	<u>7.</u>	<u>18.9</u>	<u>7.00</u>	<u>10.2</u>	<u>0/F</u>	<u>0/F</u>
Calibr.	<u>I</u>	<u>I</u>	<u>932</u>	<u>L344-18</u>	<u>12/23</u>	<u>4.</u>	<u>18.8</u>	<u>4.00</u>	<u>164.5</u>	<u>0/F</u>	<u>0/F</u>
Calibr.	<u>I</u>	<u>I</u>	<u>935</u>	<u>220229</u>	<u>8/23</u>	<u>10.</u>	<u>18.8</u>	<u>10.00</u>	<u>-180</u>	<u>0/F</u>	<u>0/F</u>
ICV	<u>I</u>	<u>I</u>	<u>937</u>	<u>L344-18</u>	<u>12/23</u>	<u>4</u>	<u>18.8</u>	<u>4.04</u>	<u>164</u>	<u>0/F</u>	<u>0/F</u>
CCV	<u>J. Pansh</u>	<u>10/3/22</u>	<u>1400</u>	<u>220229</u>	<u>8/23</u>	<u>10.</u>	<u>19.6</u>	<u>10.93</u>	<u>181</u>	<u>0/F</u>	<u>0/F</u>
CCV										<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 10 169.2, slope from 4 to 7 174.8 (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: 8/1/22

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	<u>J. Pansh</u>	<u>10/3/22</u>	<u>939</u>	<u>0.00</u>	<u>0.00</u>	<u>0/F</u>	<u>0/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:



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number:

(Lab Use Only)

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Jacksonville, FL 32224

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

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Company Name Florida Department of Environmental Protection										Container Information (Qty, Size, & Type)						Sample Matrix Codes:			
Address 8800 Baymeadows Way West										NPW	NPW	NPW						A. Air P. Petroleum	
City Jacksonville State FL Zip 32256																		B. Bulk S. Soil/Sludge	
Attn. Dep-overflowmicro@fldep.state.fl.us																		W. Wipe O. Other	
Tel. E-mail or Fax										6	6	6						PW Potable Water	
Project Name - BMAP2										Container Preservation Codes						Sample Kit or Container Lot #			
Project Number RQ# 2022-10-03-33										Parameters						Preservation Codes:			
Project Location										E. Coli - Quantitray	Enterococci - Quantitray	Coliform, Fecal - MF 3 Dilutions							0. None 5. Na2S2O3
Sampler Name/Signature Katherine Halbert																			1. H2SO4 6. Crushed Ice (4C)
Transfer #	Sample # (Lab Use Only)	Sample Identification	Date Sampled	Time Sampled	Sample Matrix Code	Specific Cond. (Field)	Comp	Grab									3. HCl 8. NH4Cl		
																	4. NaOH 9. Other: (List)		
																	Thermal Preservation:		
																	In Crushed Ice? ☒ / No		
																	Cooler Temp: 0.2 °C		
																	Sample Cont. Temp: 5.8 °C		
																	Turnaround Requested:		
																	☒ Standard (10 Business Days)		
																	☐ Semi-Rush (3-5 Business Days)		
																	☐ Rush (1-2 Business Days)		
																	Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples.		
																	Billing Information:		
																	☐ Invoice with Report		
																	☐ Invoice to Accounting		
																	Req. #:		
																	P.O. #:		
Special Instructions:										Transfer Numbers		Relinquished By		Date / Time		Received By		Date / Time	
										1-9		Katherine Halbert		10/03/22 / 1305				10/03/22 1305	



Certification #E821059