

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: <u>3/4/2024</u> Customer: <u>NE-DIST</u> RQ: <u>RQ-2024-03-04-73</u>	Collected By: <u>Katherine Halbert, Haylee Brown</u> Sampling Agency: <u>FDEP</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 AT HENDRICKS AVE	 20030793
CRAIG CR 100M DOWN FROM FOOTBRIDGE IN PARK	 20030958
LITTLE FISHWEIR AT OAK ST	 20030953
BIG FISHWEIR CR SF AT HAMILTON ST	 20030801
BUTCHER PEN CR AT CONFEDERATE PT ROAD	 20030082
BUTCHER PEN CR AT WESCONNETT	 20030760
MONCRIEF CR AT 21ST ST	 20030897

MONCRIEF CR AT MONCRIEF ROAD	 20030726
TROUT RIVER AT OLD KINGS RD	 20030753
TROUT R AT DINSMORE BOAT RAMP DOCK NR US 1	 20030123
TERRAPIN CREEK AT FAYE ROAD	 20030653
NW TRIBUTARY TO OPEN CR AT HODGES	 20030848

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 3/4/2024
1630EST

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:	3/4/2024	
WIN / Field ID:	20030891	ORG ID:	21FLA	ENR:	-	Latitude:	30.22544
County:	DUVAL	WBID:	2326A	STREAM		Longitude:	-81.60386
Receiving Body of Water:	St Johns River Above Piney Point				RQ-	2024-03-04-73	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katherine Halbert	x				
Haylee Brown		x		x	x

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe	x	Pole
			NA
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:	Desi
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	920	1.09	0.3	4.34	46.6	18.7	6.72	1.09	294.4	0.14
								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			
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:	03/04/2024	Signature:			

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT: KH 04/03/2024

Save Field Sheets on Network: KH 03/06/2024 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:	CRAIG CR AT HENDRICKS AVE				Sample Date:	3/4/2024	
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-	2024-03-04-73	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katherine Halbert	x		x		
Haylee Brown		x			x

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe	x	Pole
			NA
	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:	Falling
High Tide:	NA
Low Tide:	NA
Photos:	No
Meter ID:	Desi
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	950	0.8	0.3	6.62	71	18.7	7.11	0.8	397.4	0.19
								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	Contract Lab	Enterococci			
		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:	03/04/2024	Signature:			

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT: KH 04/03/2024

Save Field Sheets on Network: KH 03/06/2024 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:	CRAIG CR 100M DOWN FROM FOOTBRIDGE IN PARK				Sample Date:	3/4/2024	
WIN / Field ID:	20030958	ORG ID:	21FLA	ENR:	-		
County:	DUVAL	WBID:	2297B	ESTUARY			
Receiving Body of Water:	St Johns River Above Warren Bridge				RQ-	2024-03-04-73	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katherine Halbert	x		x		
Haylee Brown		x		x	x

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe	x	Pole
			NA
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:	Falling
High Tide:	NA
Low Tide:	NA
Photos:	No
Meter ID:	Desi
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	1005	0.9	0.3	6	64.4	18.8	7.03	0.9	440.8	0.21
								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	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					
Other(s)					
Field Comments:					
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.				
Relinquish Date:	03/04/2024	Signature:			

LIMS EVENT ID: WIN Import ID: KH 04/03/2024

Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date)

Save Field Sheets on Network: KH 03/06/2024 (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:	LITTLE FISHWEIR AT OAK ST				Sample Date:	3/4/2024	
WIN / Field ID:	20030953	ORG ID:	21FLA	ENR:	-	Latitude:	30.29467
County:	DUVAL	WBID:	2280A	STREAM		Longitude:	-81.70919
Receiving Body of Water:	St Johns River Above Warren Bridge				RQ-	2024-03-04-73	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katherine Halbert	x		x		
Haylee Brown		x		x	x

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe	x	Pole
			NAB
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:	Desi
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	1030	0.1	0.05	5.96	63.8	18.5	7.09	0.1	420.5	0.2
								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:	03/04/2024	Signature:			

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT: KH 04/03/2024

Save Field Sheets on Network: KH 03/06/2024 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:	BIG FISHWEIR CR SF AT HAMILTON ST				Sample Date:	3/4/2024	
WIN / Field ID:	20030801	ORG ID:	21FLA	ENR:	-	Latitude:	30.29315
County:	DUVAL	WBID:	2280A	STREAM		Longitude:	-81.72209
Receiving Body of Water:	St Johns River Above Warren Bridge				RQ-	2024-03-04-73	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katherine Halbert	x		x		
Haylee Brown		x		x	x

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe	x	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:	Desi
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	1050	0.59	0.3	7.57	80.7	18.4	7.32	0.59	375	0.18
								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:	03/04/2024	Signature:			

LIMS EVENT ID:	WIN Import ID:
Enter Field Parameters, Verify Station ID In LIMS DMT:	QC Station ID, Field Parameters In LIMS DMT: KH 04/03/2024
Save Field Sheets on Network: KH 03/06/2024	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:		BUTCHER PEN CR AT CONFEDERATE PT ROAD				Sample Date:		3/4/2024	
WIN / Field ID:	20030082	ORG ID:	21FLA	ENR:	-	Latitude:	30.26461		
County:	DUVAL	WBID:	2322	STREAM		Longitude:	-81.73458		
Receiving Body of Water:		Cedar River				RQ-	2024-03-04-73		

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katherine Halbert					
Haylee Brown					

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe	x	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:	Fresh
Tide Stage:	Falling
High Tide:	NA
Low Tide:	NA
Photos:	No
Meter ID:	Desi
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	1105	0.33	0.16	2.39	26	19.1	6.7	0.2	372.8	0.18

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	ICE			
Chlorophyll	Diversified				
Physical/Aggregate Nutrients					
Filtered Nutrients			Syringe Lot#; Filter Lot#:		
Acid Preserved Nutrients					
Metals					
Organics (LC)		MCAA***			
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
DOC					
Other(s)					
Field Comments:					
Comments on COC: Microbiology sample(s) submitted to contract laboratory.					
Relinquish Date:	03/04/2024	Signature:			

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT: KH 04/03/2024

Save Field Sheets on Network: KH 03/06/2024 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:	BUTCHER PEN CR AT WESCONNETT				Sample Date:	3/4/2024	
WIN / Field ID:	20030760	ORG ID:	21FLA	ENR:	-	Latitude:	30.25983
County:	DUVAL	WBID:	2322	STREAM		Longitude:	-81.74019
Receiving Body of Water:	Cedar River				RQ-	2024-03-04-73	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katherine Halbert	x		x		
Haylee Brown		x		x	x

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe	x	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:	Fresh
Tide Stage:	Falling
High Tide:	NA
Low Tide:	NA
Photos:	No
Meter ID:	Desi
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	1120	0.33	0.16	7.18	76.4	18.3	7.21	0.33	312.8	0.15
								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:	03/04/2024	Signature:			

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT: KH 04/03/2024

Save Field Sheets on Network: KH 03/06/2024 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:	MONCRIEF CR AT 21ST ST				Sample Date:	3/4/2024	
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				RQ-	2024-03-04-73	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katherine Halbert	x		x		
Haylee Brown		x		x	x

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe	x	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:	Desi
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	1225	0.8	0.3	4.89	53.1	19.3	7.14	0.8	406.4	0.2
								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:	03/04/2024	Signature:			

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT: KH 04/03/2024

Save Field Sheets on Network: KH 03/06/2024 (Initials/Date) Migrate Data to WIN: (Initials/Date)

(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:	3/4/2024	
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				RQ-	2024-03-04-73	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katherine Halbert	x				
Haylee Brown		x		x	x

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe	x	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:	Falling
High Tide:	NA
Low Tide:	NA
Photos:	No
Meter ID:	Desi
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	1240	0.7	0.3	5.18	56.7	19.7	7.2	0.7	334.9	0.16
								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:	03/04/2024	Signature:			

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT: KH 04/03/2024

Save Field Sheets on Network: KH 03/06/2024 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:	TROUT RIVER AT OLD KINGS RD				Sample Date:	3/4/2024	
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-	2024-03-04-73	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katherine Halbert	x		x		
Haylee Brown		x		x	x

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe	x	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:	Falling
High Tide:	NA
Low Tide:	NA
Photos:	No
Meter ID:	Desi
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	1305	1.3	0.3	7.22	76	17.8	6.75	0.4	139.4	0.07

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:	03/04/2024	Signature:			

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT: KH 04/03/2024

Save Field Sheets on Network: KH 03/06/2024 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:	TROUT R AT DINSMORE BOAT RAMP DOCK NR US 1				Sample Date:	3/4/2024	
WIN / Field ID:	20030123	ORG ID:	21FLA	ENR:	-	Latitude:	30.43662
County:	DUVAL	WBID:	2203B	ESTUARY		Longitude:	-81.76118
Receiving Body of Water:	St Johns River Above Dames Point				RQ-	2024-03-04-73	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katherine Halbert	x		x		
Haylee Brown		x		x	x

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

Water Level:	Normal
Flow:	NA
Matrix:	Fresh
Tide Stage:	N/A
High Tide:	
Low Tide:	
Photos:	No
Meter ID:	Desi
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	1320	0.9	0.3	6.18	66.9	19	6.69	0.4	165.8	0.08

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	Contract Lab	Enterococci			
		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:	03/04/2024	Signature:			

LIMS EVENT ID: WIN Import ID: KH 04/03/2024
Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date)
Save Field Sheets on Network: KH 04/03/2024 (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:	3/4/2024	
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-	2024-03-04-73	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katherine Halbert	x		x		
Haylee Brown		x		x	x

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe	x	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:	Falling
High Tide:	NA
Low Tide:	NA
Photos:	No
Meter ID:	Desi
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	1355	0.27	0.13	7.95	85	18.5	6.55	0.27	130.5	0.06
								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:	03/04/2024	Signature:			

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT: KH 04/03/2024

Save Field Sheets on Network: KH 03/06/2024 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:	NW TRIBUTARY TO OPEN CR AT HODGES				Sample Date:	3/4/2024	
WIN / Field ID:	20030848	ORG ID:	21FLA	ENR:	-	Latitude:	30.27738
County:	DUVAL	WBID:	2299B	STREAM		Longitude:	-81.46117
Receiving Body of Water:	ICWW Duval. St Johns County				RQ-	2024-03-04-73	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katherine Halbert	x		x		
Haylee Brown		x		x	x

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe	x	Pole
			NAME
	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:	Falling
High Tide:	NA
Low Tide:	NA
Photos:	No
Meter ID:	Desi
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	1430	0.12	0.06	7.49	81.7	19.5	6.93	0.12	431	0.21
								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:	03/04/2024	Signature:			

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT: KH 04/03/2024

Save Field Sheets on Network: KH 03/06/2024 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: DES 1

RQ: 0024-03-04-73

Project: BMAP 1/BMAP2

- 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 12/18/23

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.	K. Halbert	3/4/24	824	19.3	764.3	9.3	—	100.8	—	1.007	P/F	L/F
ICV	K. Halbert	3/4/24	828	19.2	764.5	9.3	9.29	100.5	—	1.007	P/F	L/F
CCV	H. Brown	3/4/24	1548	19.9	762.4	9.1	9.04	99.5	—	1.007	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.	K. Halbert	3/4/24	830	231103B	11/2024	1000	1000	P/F	L/F
ICV	K. Halbert	3/4/24	834	231103A	11/2024	100	99.6	P/F	L/F
CCV	H. Brown	3/4/24	1557	231103B	11/2024	1000	999	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.	K. Halbert	3/4/24	836	43040117	4/24/25	7.02	19.0	7.02	25.9	P/F	L/F
Calibr.	K. Halbert	3/4/24	839	4300538	10/31/25	4.00	19.5	4.00	144.0	P/F	L/F
Calibr.	K. Halbert	3/4/24	842	43080574	9/9/25	10.05	19.5	10.05	-200.8	P/F	L/F
ICV	K. Halbert	3/4/24	845	4300538	10/31/25	4.00	19.4	4.05	143.2	P/F	L/F
CCV	H. Brown	3/4/24	1552	43080574	4/24/25	10.05	19.7	10.09	-202.9	P/F	L/F
CCV					9/9/25					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 10 174.9, slope from 4 to 7 169.9 (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: 12/18/23

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	K. Halbert	3/4/24	847	0.000	0.000	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:



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

Certification #E821059



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										Container Information (Qty, Size, & Type)										Sample Matrix Codes:				
Address										250 mL	250 mL	250 mL											A. Air	P. Petroleum
City																						B. Bulk	S. Soil/Sludge	
State																						W. Wipe	O. Other	
Zip																						PW. Potable Water	NPW. Non-Potable Water	
Attn.										Container Preservation Codes										Sample Kit or Container Lot #				
Tel.										6	6	6												
Project Name										Parameters										Preservation Codes:				
Project Number																								
Project Location																								
Sampler Name/Signature																								
Transfer #	Sample # (Lab Use Only)	Sample Identification	Date Sampled	Time Sampled	Sample Matrix Code	Specific Cond. (Field)	Comp	Grab	E. Coll - Quantitray	Enterococci - Quantitray	Coliform, Fecal - MF 3 Dilutions													
1	*	20030897	3/4/24	1225	NPW	406.4		✓	1															
2		20030726	3/4/24	1240	NPW	334.9		✓	1															
3		20030753	3/4/24	1305	NPW	139.4		✓	1															
4		20030123	3/4/24	1320	NPW	165.8		✓		1														
5	*	20030653	3/4/24	1355	NPW	130.5		✓	1															
6		20030848	3/4/24	1430	NPW	431.0		✓	1															
7																								
8																								
9																								
0																								

Special Instructions:				Transfer Numbers		Relinquished By		Date / Time		Received By		Date / Time	
*= 10x dilution.				1-6		Katherine Halbert		03/04/24 1447		Daniela Torgert		03/04/24 1447	

Billing Information:	
Invoice with Report	
Invoice to Accounting	
Req. #:	
P.O. #:	

Thermal Preservation:	
In Crushed Ice? ☒ Yes / No	
Cooler Temp: <u>NA</u> °C	
Sample Cont. Temp: <u>0.5</u> °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.	



Certification #E821059