FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date:	9/6/2023	**Collected By:**	Katrin Villinger, Katherine Halbert
Customer:	NE-DIST	**Sampling Agency:**	FDEP
RQ:	RQ-2023-09-04-40	**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
TROUT R AT DINSMORE BOAT RAMP DOCK NR US 1	20030123
MONCRIEF CR AT MONCRIEF ROAD	20030726
TROUT RIVER AT OLD KINGS RD	20030753
TERRAPIN CREEK AT FAYE ROAD	20030653
MONCRIEF CR AT 21ST ST	20030897
NW TRIBUTARY TO OPEN CR AT HODGES	20030848

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 9/6/2023 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:	MONCRIEF CR AT MONCRIEF ROAD					**Sample Date:**	9/6/2023
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-**	2023-09-04-40

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katrin Villinger		x		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:		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:	*Rising*
High Tide:	*1611*
Low Tide:	*1009*
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 (PPTh)
EST	1015	0.49	0.24	2.98	37.1	26.6	7.1	0.49	395.7	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	E. coli / Contract Lab: *Diversified*	ICE			
Chlorophyll					
Physical/Aggregate Nutrients					
Filtered Nutrients			Syring Lot#:; Filter Lot#:		
Acid Preserved Nutrients					
Metals					
Organics (LC)					
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
DOC		SyringLot#		FilterLot#	
Other(s)					
Field Comments:					
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.				
Relinquish Date:	09/06/2023	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: KH 10/23/2023 (Initials/Date)

Save Field Sheets on Network: KH 09/06/2023 (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 21ST ST					**Sample Date:**	9/6/2023
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-**	2023-09-04-40

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katrin Villinger		x		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:		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:	*1611*
Low Tide:	*1009*
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 (PPTh)
EST	1035	0.8	0.3	2.51	30.6	25.2	7.01	0.4	471.2	0.23

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			Syring Lot#:; Filter Lot#:		
Acid Preserved Nutrients					
Metals					
Organics (LC)					
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
DOC					
		SyringLot#		FilterLot#	
Other(s)					
Field Comments:					
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.				
Relinquish Date:	09/06/2023	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: KH 10/23/2023 (Initials/Date)

Save Field Sheets on Network: KH 09/06/2023 (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:**	9/6/2023
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-**	2023-09-04-40

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katrin Villinger		x		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:		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:	*Slack*
High Tide:	*1611*
Low Tide:	*1009*
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 (PPTh)
EST	1105	0.31	0.16	2.61	31	24	6.79	0.31	339.2	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)	Preservation Type	Lot#	Expiration Date	pH Check
Microbiology	E. coli / Contract Lab *Diversified*	ICE			
Chlorophyll					
Physical/Aggregate Nutrients					
Filtered Nutrients			Syring Lot#:; Filter Lot#:		
Acid Preserved Nutrients					
Metals					
Organics (LC)		MCAA***			
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
DOC		SyringLot#		FilterLot#	
Other(s)					
Field Comments:					
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.				
Relinquish Date:	09/06/2023	**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: KH 10/23/2023 (Initials/Date)

Save Field Sheets on Network: KH 09/06/2023 (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 R AT DINSMORE BOAT RAMP DOCK NR US 1					**Sample Date:**	9/6/2023
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-**	2023-09-04-40

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katrin Villinger		x		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:		Disco			

Collection Method			
	Wading		Canoe/Kayak
	From Shore		Electric Motor
x	Boat Ramp Dock		Gasoline Motor
Depth Measured With		Meter	

Water Level:	*Normal*
Flow:	*Flowing*
Matrix:	*Marine*
Tide Stage:	*Rising*
High Tide:	*1611*
Low Tide:	*1009*
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 (PPTh)
EST	1115	0.7	0.3	2.85	36.6	27	6.69	0.3	7158	3.92

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			Syring Lot#:; Filter Lot#:		
Acid Preserved Nutrients					
Metals					
Organics (LC)					
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
DOC		SyringLot#		FilterLot#	
Other(s)					

Field Comments:	Dead fish present at boat ramp; may be due to fishing activity.
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.
Relinquish Date:	09/13/2023
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: KH 10/23/2023 (Initials/Date)

Save Field Sheets on Network: KH 09/06/2023 (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:**	9/6/2023
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-**	2023-09-04-40

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katrin Villinger		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#4			

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:	*Rising*
High Tide:	*1541*
Low Tide:	*0929*
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 (PPTh)
EST	1200	0.1	0.05	6.4	77.5	25	7.1	0.1	228.5	0.11
								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			Syring Lot#:; Filter Lot#:		
Acid Preserved Nutrients					
Metals					
Organics (LC)					
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
DOC		SyringLot#		FilterLot#	
Other(s)					
Field Comments:					
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.				
Relinquish Date:	09/06/2023	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: KH 10/23/2023 (Initials/Date)

Save Field Sheets on Network: KH 09/06/2023 (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:**	9/6/2023
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-**	2023-09-04-40

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Katrin Villinger		x		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:		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 (PPTh)
EST	1235	0.15	0.07	6	74.6	26.5	7.12	0.15	425.3	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)	Preservation Type	Lot#	Expiration Date	pH Check
Microbiology	E. coli / Contract Lab — *Diversified*	ICE			
Chlorophyll					
Physical/Aggregate Nutrients					
Filtered Nutrients			Syring Lot#:; Filter Lot#:		
Acid Preserved Nutrients					
Metals					
Organics (LC)					
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
DOC		SyringLot#		FilterLot#	
Other(s)					
Field Comments:					
Comments on COC:	Microbiology sample(s) submitted to contract laboratory.				
Relinquish Date:	09/06/2023	**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: KH 10/23/2023 (Initials/Date)

Save Field Sheets on Network: KH 09/06/2023 (Initials/Date)

Migrate Data to WIN: _____ (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

Company Name: Florida Department of Environmental Protection
Address: 8800 Baymeadows Way West
City: Jacksonville State: FL Zip: 32256
Attn. Dep-overflowmicro@dep.state.fl.us
Tel. E-mail or Fax
Project Name: BMAP 2
Project Number: 2023-09-04-40
Project Location:
Sampler Name/Signature: Katherine Halbert

Transfer #	Sample # (Lab Use Only)	Sample Identification	Date Sampled	Time Sampled	Sample Matrix Code	Specific Cond. (Field)	Comp	Grab	E. Coli - Quantitray	Enterococci - Quantitray	Coliform, Fecal - MF 3 Dilutions							
Container Information (Qty, Size, & Type)									250 mLP	250 mLP	250 mLP							
Container Preservation Codes									6	6	6							
Parameters																		
1		20030726	9/6/23	0915	NPW	395.7		/	2									
2		20030897 *	9/6/23	1035	|	471.2		/	1									
3		20030753	9/6/23	1105	|	339.2		/	1									
4		20030173	9/6/23	1115	|	7158		/		2								
5		20030653 *	9/6/23	1200	|	228.5		/	1									
6		20030848	9/6/23	1230	↓	429.3		/	1									
7																		
8																		
9																		
0																		

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

Sample Kit or Container Lot #:

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: 0.1 °C
Sample Cont. Temp: 1.4 °C

Turnaround Requested:
X 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:
* Please dilute 10x due to high concentrations

Transfer Numbers	Relinquished By	Date / Time	Received By	Date / Time
8	Katherine Halbert	9/6/23 1435		09/06/23 1435

NELAP ACCREDITED ABORATORY
Certification #E821059

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: DES1 RQ-2023-09-04-40 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 5/23/23

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	9/6/23	756	22.3	760.7	8.7	-	100.1	-	1.019	(P)/ F	(L)/ F
ICV	K-Halbert	9/6/23	803	22.2	760.7	8.7	8.74	100.2	-	1.019	(P)/ F	(L)/ F
CCV	KVillinger	↓	1546	22.7	758.5	8.6	8.64	100.1	-	1.019	(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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	K-Halbert	9/6/23	805	2306128	06/2024	1000	1000	(P)/ F	(L)/ F
ICV	K-Halbert	9/6/23	807	2301310	02/2024	15000	15115	(P)/ F	(L)/ F
CCV	KVillinger	↓	1548	2301314	2/2024	100	99.9	(P) F	(L) F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 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	9/6/23	811	M241-15	9/1/24	7.01	22.9	7.01	-33.0	(P)/ F	(L)/ F
Calibr.	K-Halbert	9/6/23	815	M221-22	8/10/24	4.00	22.7	4.00	144.5	(P)/ F	(L)/ F
Calibr.	K-Halbert	9/6/23	817	M203-05	7/27/24	10.03	22.1	10.03	-201.3	(P)/ F	(L)/ F
ICV	K-Halbert	9/6/23	818	M221-22	8/10/24	4.00	22.7	3.98	144.9	(P)/ F	(L)/ F
CCV	KVillinger	↓	1550	M203-05	7/27/24	10.03	22.3	10.02	-202.5	(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 +180 ± 50; mV pH 10 Range -180 ± 50;
If mV are recorded: slope from 7 to 10 168.3, slope from 4 to 7 177.5 (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: 5/30/23
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	9/6/23	821	0.000	0.000	(P) F	(L) F

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

COMMENTS: