

RQ-2022-09-26-22

Login Checklist

Login Station ID: _____

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 10/17/2022 15:23

Shipping Method: Road Air Sea Other									
*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	

COOLER CHECK***All samples received on ice unless otherwise noted. HNO₃ and Formalin preserved samples do NOT have a temperature requirement.**

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. **NCR#** _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. **NCR#** _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. **NCR#** _____
- If coolers or samples are received late; identify the affected samples in an NCR. **NCR#** _____

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No _____**CONTAINER CHECK**Evidence Tape on Bottles? Yes _____ No _____ NA ☒ Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken? Yes _____ No _____ Containers intact? Yes _____ No _____

Caps on tight? Yes _____ No _____

Sufficient Sample Volume: Yes _____ No _____

If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. **NCR#** _____**CHLORINE CHECK REQUIRED?** (Blue dot on container)

Yes _____ No _____ Init: _____

Chlorine detected? (One container checked per Field ID)

Yes _____ No _____ Init: _____

If chlorine is detected, generate an NCR listing affected sample IDs . **NCR#** _____**PRESERVATION CHECK** (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH < 2.0? Yes _____ No _____ NA _____ Init: _____

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes _____ No _____ NA _____ Init: _____

If samples were not preserved correctly, generate an NCR listing affected sample IDs . **NCR#** _____

Coolers Unpacked/Checked by: _____ Date: _____ Event contains NCRs (Y/N)? _____

Event ID: NE-DIST-2022-10-17-01

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	
Chlorine Test Strips	

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ Init: _____

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ No _____

If no, were samples shipped on dry ice? Yes _____ No _____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check(W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 10/6/2022
Customer: NE-DIST
RQ: RQ-2022-09-26-22
Collected By: Jeremy Parrish, Katrin Villinger
Sampling Agency: FDEP
Project ID: SMP

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

Number of Coolers Shipped: Na

Delivery Method: HandDelivered

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

Site Location	Field ID/WIN ID
BULL CR SW CROSSING CR 215	 20030480

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 10/6/2022
1630EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected Date:

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION****STRATEGIC MONITORING PLAN Field Sheet**

July 2022

Meter
Passed End
of Day CCV

Yes / No

WIN Station Name:	BULL CR SW CROSSING CR 215				Sample Date:	10/6/2022		
WIN / Field ID:	20030480	ORG ID:	21FLA	ENR:	-			
County:	Clay	WBID:	2446	STREAM	3F		Latitude:	30.02051
Receiving Body of Water:	Black Creek				Longitude:	-81.9197		
					RQ-	2022-09-26-22		

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jeremy Parrish	x		x		
Katrin Villinger		x		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:	No
Meter ID:	Desi

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (°C)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPT)
EST	1045	1.2	0.3	6.7	70.2	17.3	6.58	0.5	71.6	0.03

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							
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:	10/06/2022	Signature:					

LIMS EVENT ID: _____ WIN Import ID: _____

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

(Initials/Date) (Initials/Date)

Save Field Sheets on Network: _____ Migrate Data to WIN: _____

(Initials/Date) (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 DSS

RQ: 2022-04-26-22

Project: SMPLS/RSW

2022-10-03-33 - N/A

- 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.	J Parnish	10/6/22	835	21.3	762	8.9	8.9	100.3	-	1.015	☒ F	☒ F
ICV	J	10/6/22	836	21.3	762	8.9	8.9	100.4	-	1.015	☒ F	☒ F
CCV	J Parnish	10/6/22	1416	22.0	762	8.8	8.76	100.4	-	-	☒ F	☒ F
CCV											P / F	L / F

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

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J Parnish	10/6/22	837	2207A	7/23	1000	1000	☒ F	☒ F
ICV	J	10/6/22	838	210917A	3/23	100	98.7	☒ F	☒ F
CCV	J Parnish	10/6/22	1418	220225B	3/23	5000	50450	☒ F	☒ 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.	J Parnish	10/6/22	840	M074-20	3/21/24	7.	21.5	7.02	-19	☒ F	☒ F
Calibr.	J		841	L344-18	12/29/23	4.	21.5	4.00	154	☒ F	☒ F
Calibr.	J		842	220225B	3/23	10.	21.5	10.04	185	☒ F	☒ F
ICV	J		843	M074-20	3/21/24	10.0	21.5	10.00	185	☒ F	☒ F
CCV	J Parnish	10/6/22	1419	L344-18	12/27/23	4.0	21.9	4.15	1447	☒ F	☒ F
CCV										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 10 196, slope from 4 to 7 173 (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	J Parnish	10/6/22	844	0.00	0.00	☒ F	☒ 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@delilab.com
F (904) 807-9627

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Company Name <u>Florida Department of Environmental Protection</u>										Container Information (Qty, Size, & Type)				Sample Matrix Codes:						
Address <u>8800 Baymeadows Way West</u>										NPW	NPW	NPW				A Air P Petroleum				
City <u>Jacksonville</u> State <u>FL</u> Zip <u>32256</u>																B Bulk S Soil/Sludge				
Attn <u>Dep-overflowmicro@fddep.state.fl.us</u>																W Wipe O Other				
Tel. _____ E-mail or Fax _____										Container Preservation Codes				Sample Kit or Container Lot #						
Project Name <u>SMP LSTR Southwest</u>										6	6	6								
Project Number <u>2022-09-26-22</u>										Parameters				Preservation Codes:						
Project Location _____										E. Coli - Quantitray	Enterococci - Quantitray	Coliform, Fecal - MF 3 Dilutions				0 None 5 Na2S2O3				
Sampler Name/Signature <u>Katrin Villinger</u>																1 H2SO4 6 Crushed Ice (4C)				
																2 HNO3 7 C6H8O6				
														3 HCl 8 NH4Cl						
														4 NaOH 9 Other (List)						
														Thermal Preservation:						
														In Crushed Ice? <u>Yes</u> No						
														Cooler Temp <u>0.3</u> °C						
														Sample Cont. Temp: <u>2.6</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.						
														Billing Information:						
														☐ Invoice with Report						
														☐ Invoice to Accounting						
														Req # _____						
														P O # _____						
Special Instructions										Transfer Numbers		Relinquished By		Date / Time		Received By		Date / Time		
												<u>Katrin Villinger</u>		<u>10/16/22 1345</u>		<u>Megan Roke</u>		<u>10/16/22 13:46</u>		



Certification #E821059

Lab General Form 999, Rev. #1, Rev. Date: 02/07/22, Effective Date: 02/07/22

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