

Login Checklist

RQ- **2023 - 02 - 13 - 10**

Login Station ID: **# 2**

Shipping Method: **FedEx | UPS | HD | Greyhound**

Date/Time of Receipt: **02/15/2023 / 09:30**

*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	
2.7C				14		X			5859 4732 8728

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 **X** No _____

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

Yes **X** No **///** **ABS**

CONTAINER CHECK

Evidence Tape on Bottles? Yes _____ No _____ NA **X** Evidence Tape intact? Yes _____ No _____

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

Caps on tight? Yes **X** No _____

Sufficient Sample Volume: Yes **X** 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: **ABS /**

Chlorine detected? (One container checked per Field ID)

Yes _____ No **X** Init: **ABS /**

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 **X** No _____ NA _____ Init: **ABS /**

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

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

Coolers Unpacked/Checked by: **ABS /**

Date: **02/15/2023** Event contains NCRs (Y/N)? **N**

EventID: **NE - DIST- 2023 - 02 - 15 - 0**

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 2 EXP:10/17/2023
pH Test Strips 0 – 6	LOT#223819AV EXP:8/30/23
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT#207621 EXP:3/15/2024
Chlorine Test Strips	0070 / 2023 / 02

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: ABS

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# _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 2/14/2023
Customer: NE-DIST
RQ: RQ-2023-02-13-10
Collected By: Jeremy Parrish, Niki Barham
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: 1

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
LITTLE FISHWEIR CR AT GREENWOOD AVE	 20030952
WILLOW BR AT RIVERSIDE AVE	 20030761
HOGAN CREEK AT 1ST ST.	 20030692
DEER CR @ TALLEYRAND AVE	 20030792
LITTLE POTTSBURG CREEK AT EMERSON	 20030070
Miramar at San Jose	 G2NE1164

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 2/14/2023
1630 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: A.SHAIK

Rec'd/Inspected
Date: 02/15/2023



RQ-2023-02-13-10

Collected By: Jeremy Parrish, Niki Barham

Customer: FDEP

Field Report Prepared by: Jeremy Parrish, Niki Barham

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: 20030952

Comments:

Location: LITTLE FISHWEIR CR AT GREENWOOD AVE

Matrix: Marine

(Check One)

☒ Grab☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTH)
2/14/2023 935	4.31	44.4	15.8	6.66	0.3	.4	0.4	5370	2.92

Parameter Suite	Parameter Methods		Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP		Ice	H2SO4*	<2	
	Lot #	Exp:				
Metals (P-500ML)	W-ICPMS		W-ICP	W-HARD	Ice	HNO3*
	Lot #	Exp:			<2	
Filtered Nutrients (P125ML)	W-PO4-F		Field Filtered 0.45 µm Filter		Ice	
	Filter Lot #	Syringe Lot #				
BOD (BP-1L)	OV-BODUNIN				Ice	
Chlorophyll (BP-1L)	CHLSUITE-W				Ice	
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-C-IC / W-COLOR / W-SO4-IC / W- TDS				Ice	
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY				Ice	
Macroinvertebrates (PJ-2L)	MI-FW-QLDC	Formalin Lot #			Formalin	
Periphyton (PT-50ML)	ALGAE-ID				Ice	
Microbiology (Contract Lab Bottle)	E Coli	F Coli	X	Enterococci	x	Ice
	Contract Lab					
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR	PCR-DG3	Ice	
	PCR-GULL2		PCR-GFD			
Tracers (BG-500ML)	W-E8321-DI		W-E8321-MS		Ice	
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI	W-E8321-MS	W-PSNP-TQ		Ice	MCAA Exp.
	W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)	W-CT-CL-R			
	W-TR-SQ-R	W-PCB-TQ-R				
Phytoplankton	DTY-QN-C		PKD-QN-BV		Ice	
DOC	W-DOC	Field Filtered 0.45 µm Filter		Ice	H2SO4*	<2
		Acid Preservative Expiration Date				
		Acid Preservative Lot Number				



RQ-2023-02-13-10	Collected By: Jeremy Parrish, Niki Barham
Customer: FDEP	Field Report Prepared by: Jeremy Parrish, Niki Barham
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: 20030761	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: WILLOW BR AT RIVERSIDE AVE

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTH)	
2/14/2023 950	5.7	58.6	16.4	6.62	0.05	0.1	0.1	1499	0.76	
Parameter Suite	Parameter Methods				Preservation		pH Check		# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				Ice	H2SO4*				
	Lot #		Exp:						<2	
Metals (P-500ML)	W-ICPMS		W-ICP	W-HARD	Ice	HNO3*			<2	
	Lot #		Exp:							
Filtered Nutrients (P125ML)	W-PO4-F		Field Filtered 0.45 µm Filter		Ice					
	Filter Lot #	Syringe Lot #								
BOD (BP-1L)	OV-BODUNIN				Ice					
Chlorophyll (BP-1L)	CHLSUITE-W				Ice					
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS				Ice					
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY				Ice					
Macroinvertebrates (PJ-2L)	MI-FW-QLDC	Formalin Lot #				Formalin				
Periphyton (PT-50ML)	ALGAE-ID				Ice					
Microbiology (Contract Lab Bottle)	E Coli	F Coli	X	Enterococci	x	Ice			1	E
	Contract Lab									
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR	PCR-DG3	Ice					
	PCR-GULL2		PCR-GFD							
Tracers (BG-500ML)	W-E8321-DI		W-E8321-MS		Ice					
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI	W-E8321-MS	W-PSNP-TQ			Ice	MCAA Exp.	MCAA Lot#		
	W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)	W-CT-CL-R							
	W-TR-SQ-R	W-PCB-TQ-R								
Phytoplankton	DTY-QN-C		PKD-QN-BV		Ice					
DOC	W-DOC		Field Filtered 0.45 µm Filter		Ice	H2SO4*			<2	
			Acid Preservative Expiration Date							
			Acid Preservative Lot Number							



RQ-2023-02-13-10

Collected By: Jeremy Parrish, Niki Barham

Customer: FDEP

Field Report Prepared by: Jeremy Parrish, Niki Barham

Project ID: SMP

Sampling Agency: FDEP

Comments:

 WIN ID/Field ID: 
 WIN ID/Field ID: 20030692

Location: HOGAN CREEK AT 1ST ST.

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTH)
2/14/2023 1020	4.94	51.5	17.1	6.76	0.1	0.2	0.2	448	0.22

Parameter Suite	Parameter Methods				Preservation		pH Check		# Bottles sent to Lab	Bottle Group		
Preserved Nutrients (P-500ML)	X	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			X	Ice	X	H2SO4*	X	<2	1	B
		Lot #		SA2145160	Exp:	6/2/23						
Metals (P-500ML)		W-ICPMS		W-ICP	W-HARD	Ice		HNO3*		<2		
		Lot #		Exp:								
Filtered Nutrients (P125ML)		W-PO4-F		Field Filtered 0.45 µm Filter		Ice						
		Filter Lot #		Syringe Lot #								
BOD (BP-1L)		OV-BODUNIN				Ice						
Chlorophyll (BP-1L)	X	CHLSUITE-W				X	Ice			1	B	
Physical/Aggregate (Fresh) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS				Ice						
Physical/Aggregate (Marine) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY				X	Ice			1	B	
Macroinvertebrates (PJ-2L)		MI-FW-QLDC	Formalin Lot #			Formalin						
Periphyton (PT-50ML)		ALGAE-ID				Ice						
Microbiology (Contract Lab Bottle)		E Coli		F Coli		Enterococci	Ice					
		Contract Lab										
Molecular (QPCR-P-500ML)		PCR-HF183		PCR-BacR	PCR-DG3	Ice						
		PCR-GULL2		PCR-GFD								
Tracers (BG-500ML)		W-E8321-DI		W-E8321-MS		Ice						
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI	W-E8321-MS		W-PSNP-TQ	X	Ice	MCAA Exp.	MCAA Lot#	4	B	
	X	W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)		X			W-CT-CL-R				
		W-TR-SQ-R	X	W-PCB-TQ-R								
Phytoplankton		DTY-QN-C		PKD-QN-BV		Ice						
DOC		W-DOC	Field Filtered 0.45 µm Filter		Ice		H2SO 4*	<2				
	Acid Preservative Expiration Date											
	Acid Preservative Lot Number											



RQ-2023-02-13-10	Collected By: Jeremy Parrish, Niki Barham
Customer: FDEP	Field Report Prepared by: Jeremy Parrish, Niki Barham
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: 20030792	Comments: Microbiology sample(s) submitted to contract laboratory.

Location: DEER CR @ TALLEYRAND AVE

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)						
2/14/2023 1045	5.59	55.2	14.7	6.74	0.05	0.1	0.1	763	0.38						
Parameter Suite		Parameter Methods				Preservation		pH Check	# Bottles sent to Lab	Bottle Group					
Preserved Nutrients (P-500ML)		W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				Ice		H2SO4*	<2						
		Lot #		Exp:											
Metals (P-500ML)		W-ICPMS / W-ICP / W-HARD				Ice		HNO3*							
		Lot #		Exp:											
Filtered Nutrients (P125ML)		W-PO4-F / Field Filtered 0.45 um Filter				Ice									
		Filter Lot #	Syringe Lot #												
BOD (BP-1L)		OV-BODUNIN				Ice									
Chlorophyll (BP-1L)		CHLSUITE-W				Ice									
Physical/Aggregate (Fresh) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS				Ice									
Physical/Aggregate (Marine) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY				Ice									
Macroinvertebrates (PJ-2L)		MI-FW-QLDC / Formalin Lot #				Formalin									
Periphyton (PT-50ML)		ALGAE-ID				Ice									
Microbiology (Contract Lab Bottle)		E Coli / F Coli / X / Enterococci				Ice			1	D					
Molecular (QPCR-P-500ML)		PCR-HF183 / PCR-BacR / PCR-DG3				Ice									
		PCR-GULL2 / PCR-GFD													
Tracers (BG-500ML)		X W-E8321-DI / X W-E8321-MS				Ice			1	D					
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI / W-E8321-MS / W-PSNP-TQ				Ice		MCAA Exp.	MCAA Lot#						
		W-PCL-TQ-R / W-CARB-AA (5 ml of MCAA Buffer Solution) / W-CT-CL-R													
		W-TR-SQ-R / W-PCB-TQ-R													
Phytoplankton		DTY-QN-C / PKD-QN-BV				Ice									
DOC		Field Filtered 0.45 um Filter				Ice		H2SO4*							
		W-DOC													
		Acid Preservative Expiration Date							<2						
		Acid Preservative Lot Number													



RQ-2023-02-13-10

Customer: FDEP

Project ID: SMP

Collected By: Jeremy Parrish, Niki Barham

Field Report Prepared by: Jeremy Parrish, Niki Barham

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: 20030070

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: LITTLE POTTSBURG CREEK AT EMERSON

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTH)
2/14/2023 1110	6.58	65.1	14.6	6.82	0.1	0.15	0.15	438	0.21

Parameter Suite	Parameter Methods				Preservation		pH Check		# Bottles sent to Lab	Bottle Group				
Preserved Nutrients (P-500ML)	X	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			X	Ice	X	H2SO4*	X	<2	1	A		
		Lot #	SA2145160		Exp:	6/2/23								
Metals (P-500ML)	X	W-ICPMS	X	W-ICP	X	W-HARD	X	Ice	X	HNO3*	X	<2	1	A
		Lot #	NA2126030		Exp:	6/2/23								
Filtered Nutrients (P125ML)		W-PO4-F		Field Filtered 0.45 µm Filter			Ice							
		Filter Lot #		Syringe Lot #										
BOD (BP-1L)		OV-BODUNIN					Ice							
Chlorophyll (BP-1L)	X	CHLSUITE-W				X	Ice			1	A			
Physical/Aggregate (Fresh) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS					Ice							
Physical/Aggregate (Marine) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY					Ice							
Macroinvertebrates (PJ-2L)		MI-FW-QLDC	Formalin Lot #			Formalin								
Periphyton (PT-50ML)		ALGAE-ID					Ice							
Microbiology (Contract Lab Bottle)	X	E Coli		F Coli		Enterococci	X	Ice		1	A			
	X	Contract Lab												
Molecular (QPCR-P-500ML)		PCR-HF183		PCR-BacR		PCR-DG3		Ice						
		PCR-GULL2		PCR-GFD										
Tracers (BG-500ML)		W-E8321-DI		W-E8321-MS				Ice						
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI		W-E8321-MS		W-PSNP-TQ	Ice	MCAA Exp.	MCAA Lot#					
		W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R								
		W-TR-SQ-R		W-PCB-TQ-R										
Phytoplankton		DTY-QN-C		PKD-QN-BV				Ice						
DOC		W-DOC		Field Filtered 0.45 µm Filter		Ice		H2SO4*	<2					
			Acid Preservative Expiration Date											
			Acid Preservative Lot Number											

RQ-2023-02-13-10	Collected By: Jeremy Parrish, Niki Barham
Customer: FDEP	Field Report Prepared by: Jeremy Parrish, Niki Barham
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G2NE1164	Comments:
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Location: Miramar at San Jose

Matrix: Fresh	(Check One) ☒ Grab ☐ Composite
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Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h)
2/14/2023 1125	4.45	47.2	17.1	6.46	0.05	0.1	0.1	412.6	0.2

Parameter Suite	Parameter Methods						Preservation			pH Check		# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP						Ice		H2SO4*		<2		
	Lot #				Exp:								
Metals (P-500ML)	W-ICPMS		W-ICP		W-HARD		Ice		HNO3*		<2		
	Lot #				Exp:								
Filtered Nutrients (P125ML)	W-PO4-F		Field Filtered 0.45 um Filter				Ice						
	Filter Lot #		Syringe Lot #										
BOD (BP-1L)	OV-BODUNIN						Ice						
Chlorophyll (BP-1L)	CHLSUITE-W						Ice						
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS						Ice						
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY						Ice						
Macroinvertebrates (PJ-2L)	MI-FW-QLDC		Formalin Lot #				Formalin						
Periphyton (PT-50ML)	ALGAE-ID						Ice						
Microbiology (Contract Lab Bottle)	E Coli		F Coli		Enterococci		Ice						
	Contract Lab												
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR		PCR-DG3		Ice						
	PCR-GULL2		PCR-GFD										
Tracers (BG-500ML)	W-E8321-DI		W-E8321-MS				Ice						
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI		W-E8321-MS		W-P5NP-TQ		x	Ice	MCAA Exp.	MCAA Lot#	2	C	
	X	W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		X			W-CT-CL-R				
	W-TR-SQ-R		X	W-PCB-TQ-R									
Phytoplankton	DTY-QN-C		PKD-QN-BV				Ice						
DOC	W-DOC		Field Filtered 0.45 um Filter				Ice		H2SO4*		<2		
			Add Preservative Expiration Date										
			Add Preservative Lot Number										

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: 2023-02-13-10

Project: LSJR main

- 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 2/9/23

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.	<u>Niki Barham</u>	<u>2-14-23</u>	<u>7:42</u>	<u>20.4</u>	<u>763.7</u>	<u>9.1</u>	<u>—</u>	<u>100.5</u>	<u>—</u>	<u>1.02511</u>	<u>P/F</u>	<u>L/F</u>
ICV			<u>7:45</u>	<u>20.3</u>	<u>763.6</u>	<u>9.1</u>	<u>9.12</u>	<u>100.9</u>	<u>—</u>	<u>1.02511</u>	<u>P/F</u>	<u>L/F</u>
CCV	<u>Jeremy Linsch</u>	<u>2-14-23</u>	<u>12:55</u>	<u>20.5</u>	<u>763.4</u>	<u>9.0</u>	<u>9.00</u>	<u>100.1</u>	<u>—</u>	<u>—</u>	<u>P/F</u>	<u>L/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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	<u>Niki Barham</u>	<u>2-14-23</u>	<u>7:46</u>	<u>221028A</u>	<u>11/23</u>	<u>1000</u>	<u>1000</u>	<u>P/F</u>	<u>L/F</u>
ICV			<u>7:50</u>	<u>230131D</u>	<u>2/24</u>	<u>15000</u>	<u>15063</u>	<u>P/F</u>	<u>L/F</u>
CCV	<u>Jeremy Linsch</u>	<u>2-14-23</u>	<u>12:57</u>	<u>220719B</u>	<u>7/23</u>	<u>100</u>	<u>100</u>	<u>P/F</u>	<u>L/F</u>
CCV	<u>J</u>	<u>2-14-23</u>	<u>12:59</u>	<u>220719C</u>	<u>7/23</u>	<u>50000</u>	<u>48200</u>	<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>Niki Barham</u>	<u>2-14-23</u>	<u>7:52</u>	<u>M118-15</u>	<u>5/2/24</u>	<u>7.02</u>	<u>21.0</u>	<u>7.02</u>	<u>-10.9</u>	<u>P/F</u>	<u>L/F</u>
Calibr.			<u>7:54</u>	<u>M188-01</u>	<u>7/11/24</u>	<u>4.00</u>	<u>21.0</u>	<u>4.00</u>	<u>165</u>	<u>P/F</u>	<u>L/F</u>
Calibr.			<u>7:57</u>	<u>M103-01</u>	<u>4/19/24</u>	<u>10.04</u>	<u>21.0</u>	<u>10.04</u>	<u>-184.5</u>	<u>P/F</u>	<u>L/F</u>
ICV			<u>8:00</u>	<u>M118-15</u>	<u>5/2/24</u>	<u>7.02</u>	<u>21.0</u>	<u>7.02</u>	<u>-10.2</u>	<u>P/F</u>	<u>L/F</u>
CCV	<u>Jeremy Linsch</u>	<u>2-14-23</u>	<u>13:00</u>	<u>M103-01</u>	<u>4/19/24</u>	<u>10.00</u>	<u>21.6</u>	<u>10.02</u>	<u>-184</u>	<u>P/F</u>	<u>L/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 10 173.6, 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: 2-9-23

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	<u>Niki Barham</u>	<u>2-14-23</u>	<u>8:02</u>	<u>0.00</u>	<u>0.002</u>	<u>P/F</u>	<u>L/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:



CHAIN OF CUSTODY RECORD

Project Number:
(Lab Use Only)3653 Regent Boulevard, Suite # 509
Jacksonville, FL 32224
P. (904) 807-9625 E. info@deliab.com
F. (904) 807-9627

Page 1 of 1

Company Name		Florida Department of Environmental Protection				Container Information (Qty, Size, & Type)			Sample Matrix Codes:												
Address		8800 Baymeadows Way West				250 mL			A. Air P. Petroleum												
City		Jacksonville State FL Zip 32256				250 mL			B. Bulk S. Soil/Sludge												
Attn: Dep-overflowmico@dep.state.fl.us		E-mail or Fax				250 mL			W. Wipe O. Other												
Project Name		2023-02-13-10				Container Preservation Codes			Sample Kit or Container Lot #												
Project Number						Parameters			Preservation Codes:												
Project Location		1512 main							0. None 5. NA2S2O3												
Sampler Name/Signature		Terry Parry							1. H2SO4 6. Crushed Ice (4C)												
Sample # (Lab Use Only)		Sample Identification		Date Sampled	Time Sampled	Sample Matrix Code	Specific Cond. (Field)	Comp	Grab	2. HNO3 7. C6H8O6											
1	20030952	2/14/23		935	NPW	5372		X	X	3. HCl 8. NH4Cl											
2	20030761	950		NPW	1499			X	X	4. NaOH 9. Other (List)											
3	20030692	1045		NPW	773			X	X	Thermal Preservation:											
4	20030792	1110		NPW	456			X	X	In Crushed Ice? Yes/No											
5	20030070									Cooler Temp 0.0 °C											
6										Sample Cont. Temp 2.1 °C											
7										Turnaround Requested:											
8										X Standard (10 Business Days)											
9										Semi-Rush (3-5 Business Days)											
0										Rush (1-2 Business Days)											
Special Instructions:										Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples.											
Transfer Numbers										Relinquished By			Date / Time			Received By			Date / Time		
										Terry Parry			2/14/23			1158 Morgan Price			2/14/23 11:58		

Certification #E821059
Lab General Form 059, Rev. #1, Rev. Date: 02/07/22, Effective Date: 02/07/22.

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

Date of Request: 06-JAN-2023
 Created By: PARRISH_J On: 06-JAN-2023
 Modified By: JASROTIA_P On: 25-JAN-2023
 Customer: NE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northeast District
 Event Description: LSJR Main

Send Coolers To:

Phone: 904-256-1693
 8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Cooler Ship EMail: Jeremy.M.Parrish@dep.state.fl.us

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 25-JAN-2023
 Biology Request Reviewed By: JASROTIA_P On: 25-JAN-2023
 Sampling Kit Required: YES Ship on: 03-FEB-2023
 Sampling Kit Shipped: YES On: 31-JAN-2023
 Sampling Kit Packed By: KREUCH_B
 Preservatives Needed: NO
 Date to Receive Samples: 13-FEB-2023
 Logged In By: SHAIK_A On: 15-FEB-2023

Send Final Report To:

8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Report Notification EMail: Jeremy.M.Parrish@dep.state.fl.us

Comments: Group A:(Surf.Fresh)Nutrients, Metals, Ecoli
 site20030070
 Group B:(Surf.Fresh) Nutrients,CT-CLR,PCL,PCB
 site20030692
 Group C:(Surf.Fresh)Ctclr,pcltr,pcbtqr
 site G2NE1164
 Grp D:(Surf.Salt)Bacteria, Tracer
 20030792
 Group E:(Surf.Salt)Bacteria
 20030761,20030952

NE-Div-ECQ-
 NE-DIV-ENT-

Packing Notes:

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-2015) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-DIV-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert/QT by Diversified Environmental Laboratories in Jacksonville
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3
W-HARD	Template: DEFAULT	(SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
Hardness		
W-ICP	Template: SMP-FRESH	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Iron		
Magnesium		
Potassium		
Sodium		
Strontium		
Tin		
Titanium		
Vanadium		
Zinc		
W-ICPMS	Template: DEFAULT	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Aluminum		
Antimony		
Arsenic		
Barium		
Beryllium		
Boron		
Cadmium		
Chromium		
Cobalt		
Copper		
Lead		
Manganese		
Molybdenum		
Nickel		
Selenium		
Silver		
Thallium		
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-F	Template: DEFAULT	(SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: BG-500ML FILL TO	Number of Bottles: 4	Preserved With: ICE
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCB-TQ-R	Template: DEFAULT	(EPA 8270E) PCBs in water matrices by GC/MS/MS
W-PCL-TQ-R	Template: DEFAULT	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group C (Water) With 1 Samples:

Bottle Type: BG-500ML FILL TO	Number of Bottles: 2	Preserved With: ICE
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCB-TQ-R	Template: DEFAULT	(EPA 8270E) PCBs in water matrices by GC/MS/MS
W-PCL-TQ-R	Template: DEFAULT	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

Bottle Group D (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-DIV-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by Diversified Environmental Laboratories in Jacksonville
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group E (Water) With 2 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 2	Preserved With: ICE
NE-DIV-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by Diversified Environmental Laboratories in Jacksonville

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

