

Login Checklist

RQ- 2022-04-11-23

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 4/ 8 122 @ 9:25

*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	
1.1				11		✓			5225 5545 6631
1.8				9		✓			5225 5545 6642

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: kh

Chlorine detected? (One container checked per Field ID)

Yes _____ No ✓ Init: kh

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: IM

**W-1-4-DIOX (Green dot on container) preserved to pH<4.0?

Yes _____ No _____ NA ✓ Init: kh

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

Coolers Unpacked/Checked by: kh/IM

Date: 4/ 8 122 Event contains NCRs (Y/N)? ✓

Event ID: LSJR Southside 2022
NE-DIST-2022-04-08-01 (SMP)

— Date Received: 08-APR-2022 09:25

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5 EXP:10-19-22
pH Test Strips 0 – 6	Lot#223819 EXP:8-30-23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#207621 EXP:3-15-24
Chlorine Test Strips	Lot#0070 EXP:2-23

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: 4/7/2022
Customer: NE-DIST
RQ: RQ-2022- 04-11-23

Collected By: Jeremy Parrish, Vincent McClure
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
GOODBYS CR @ SR-13	 20030518

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/7/2022
1600EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: KKH

Rec'd/Inspected Date: 4-8-22/0925

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: <u>4/7/2022</u>	Collected By: <u>Jeremy Parrish, Vincent McClure</u>
Customer: <u>NE-DIST</u>	Sampling Agency: <u>FDEP</u>
RQ: <u>RQ-2022-04-11-23</u>	Project ID: <u>SMP</u>

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
GOODBYS CR AT BAYMEADOWS	 20030593
GOODBYS CREEK AT SANCHEZ RD	 20030594
Miramar at San Jose	 G2NE1164
FB	 FB_04072022

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/7/2022

1600EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: hkh

Rec'd/Inspected Date: 4.8.22/0925



RQ-2022-04-11-23

Customer: NE-DIST

Project ID: STRATEGIC MONITORING PLAN

Collected By: Jeremy Parrish, Vincent McClure

Field Report Prepared By: Jeremy Parrish

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



20030518

Location: GOODBYS CR @ SR-13

Comments:

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
4/7/2022	920 EST	5.99	72.2	24	7.285	0.3	0.7 ☐ VOB (S)	1.246	484.6	0.23
							Central Lab please use top row for login purposes			
	EST									

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 Lot # Exp:	☒ Ice H2SO4* <2			
Metals (P-500ML)	☒ W-ICPMS ☒ W-ICP ☐ W-HARD Lot # Na1105100 Exp:	☒ Ice ☒ NO3* <2		1	B
Filtered Nutrients (P125ML)	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter Filter Lot #	☐ Ice 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-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☐ Coli ☐ Coli ☒ Enterococci Contract Lab	☒ Ice		1	B
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-M5	☐ Ice	MCAA Exp.		
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ W-E8321-M5 ☐ W-PSNP-TQ ☒ W-CT-CL-R ☒ W-PCL-TQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution) ☐ W-TR-SQ-R ☒ W-PCB-TQ-R	☐ Ice	MCAA Lot#	2	B
Phytoplankton/Periphyton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Name: Jeremy Parrish Vincent McClure	Signature: 	Date: 04/07/2022
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*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION****STRATEGIC MONITORING PLAN FIELD SHEET**

January 2022

Meter Passed End

of Day CCV

Yes / No

WIN Station Name: GOODBYS CR @ SR-13

Date: 4/7/2022

WIN/Field ID: 20030518

WBID: 2326B

ENR: -

Latitude: 30.21583

County: DUVAL

Org ID: 21FLA

Longitude: -81.61694

Receiving Body of Water: Lower St. Johns

RQ- 2022- 04-11-23

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Jeremy Parrish					x		x	x
☒	Vincent McClure				x		x		
☐									
☐									

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☐ Syringe	☒ Pole
Depth measured with: Meter	
Secchi Equipment ID:	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☒ Other from dock	☐ Gasoline Motor

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded		Meter ID#	
		BRUCE	
Photos: NA	Flow: NA	Tide: RISING	Tide Times:
		High: 600	Low: 1200
Biological Samples Collected: ☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI Other:			
SPIO ID Numbers:			
Notes: RAINING HEAVY			

Duplicate Sample	
Time Zone: EST	Time: _____
Field ID: N/A	(WIN ID_DUP)
WIN DMT Activity ID: _____	

Blank	
Time Zone: _____	Time: _____
Field ID: _____	(Blank Type_DDDMMYYY)
DI Source: _____	Location: _____
DI Type: _____	Equipment ID: _____

DI Container (Name/ID):	DI Container Type:
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LIMS EVENT ID: WIN Import ID:

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

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)



RQ-2022-04-11-23

Customer: NE-DIST

Project ID: STRATEGIC MONITORING PLAN

Collected By: Jeremy Parrish, Vincent McClure

Field Report Prepared By: Jeremy Parrish

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



20030593

Location: GOODBYS CR AT BAYMEADOWS

Comments:

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
4/7/2022	900 EST	3.8	47.2	23.5	7.03	0.25	0.5 ☒ VOB (S)	0.5	422.9	0.2
	EST						Central Lab please use top row for login purposes			

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 Lot # Exp:	☒ H2SO4* Ice	☒ 2		
Metals (P-500ML)	☒ W-ICPMS ☒ W-ICP ☐ W-HARD Lot # Na1105100 Exp:	☒ Ice ☒ NO3* 06/07/22	☒ 2	1	B
Filtered Nutrients (P125ML)	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter Filter Lot #	☐ Ice Syringe Lot #			
BOD (BP-1L)	☐ OV-BODUNIN	☒ Ice			
Chlorophyll (BP-1L)	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh) (P-1L)	☒ All: BOD / W-F / W-TSS / TURBIDITY / W-CLIC / W-COLOR / W-SD4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☐ Coli ☐ Coli ☒ Enterococci Contract Lab	☒ Ice		1	B
Molecular (QPCR-P-500ML)	☐ CR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice	MCAA Exp.		
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ W-E8321-MS ☐ W-PSNP-TQ ☒ W-CT-CL-R ☒ W-PCL-TQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution) ☐ W-TR-SQ-R ☒ W-PCB-TQ-R	☐ Ice	MCAA Lot#	2	B
Phytoplankton/Periphyton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Name: Jeremy Parrish Vincent McClure	Signature: 	Date: 04/07/2022
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*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION****STRATEGIC MONITORING PLAN FIELD SHEET**

January 2022

Meter Passed End

of Day CCV

Yes / No

WIN Station Name: GOODBYS CR AT BAYMEADOWS

Date: 4/7/2022

WIN/Field ID: 20030593

WBID: 2326B

ENR: -

Latitude: 30.21847

County: DUVAL

Org ID: 21FLA

Longitude: -81.61225

Receiving Body of Water: Lower St. Johns

RQ- 2022-04-11-23

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Jeremy Parrish		x		x	x
☒	Vincent McClure		x		x	
☐						
☐						

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☐ Syringe	☒ Pole
Depth measured with: Meter	
Secchi Equipment ID:	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☒ Other from dock	☐ Gasoline Motor

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded		Meter ID# BRUCE	
Photos: No	Flow: NA	Tide: RISING	Tide Times: High: 600 Low: 1200
Biological Samples Collected: ☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI Other:			
SPIO ID Numbers:			
Notes: RAINING, OVERCAST			

Duplicate Sample	
Time Zone: EST	Time: _____
Field ID: N/A	(WIN ID_DUP)
WIN DMT Activity ID: _____	

Blank	
Time Zone: _____	Time: _____
Field ID: _____	(Blank Type_DMMMYYYY)
DI Source: _____	Location: _____
DI Type: _____	Equipment ID: _____

DI Container (Name/ID):	DI Container Type:
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LIMS EVENT ID: _____ WIN Import ID: _____

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

Scan/Save Field Sheets _____ (Initials/Date) Migrate Data to WIN: _____ (Initials/Date) Verify Data In WIN: _____ (Initials/Date)



RQ-2022-04-11-23

Customer: NE-DIST

Project ID: STRATEGIC MONITORING PLAN

Collected By: Jeremy Parrish, Vincent McClure

Field Report Prepared By: Jeremy Parrish

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



20030594

Location: GOODBYS CREEK AT SANCHEZ RD

Comments:

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTH)
4/7/2022	935 EST	4.54	53.3	23	7.13	0.3	0.5 ☐ VOB (S)	1.62	357.5	0.17
							Central Lab please use top row for login purposes			
	EST	4.07	47.4	22.9	7.12	1.12			357.6	0.17

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 Lot # Exp:	☒ Ice H2SO4* x-2			
Metals (P-500ML)	☒ W-ICPMS ☒ W-ICP ☐ W-HARD Lot # Na1105100 Exp:	☒ Ice x NO3* x-2		1	B
Filtered Nutrients (P125ML)	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter Filter Lot #	☐ Ice 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-	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	MI-FW-QLDC	Formalin			
Periphyton (PT-50ML)	ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☐ Coli ☐ Coli ☒ Enterococci Contract Lab	☒ Ice		1	B
Molecular (QPCR-P-500ML)	☐ CR-HF183 ☐ CR-BacR ☐ CR-DG3 ☐ CR-GULL2 ☐ CR-GFD	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice	MCAA Exp.		
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI WE8321-MS W-PSNP-TQ x W-CT-CL-R W-PCL-TQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution) W-TR-SQ-R x W-PCB-TQ-R	☐ Ice	MCAA Lot#	2	B
Phytoplankton/Periphyton	DTY-QN-C PKD-QN-C	☐ Ice			
Name: Jeremy Parrish Vincent McClure	Signature:	Date: 04/07/2022			

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION****STRATEGIC MONITORING PLAN FIELD SHEET**

January 2022

Meter Passed End
of Day CCV
Yes / No**WIN Station Name:** GOODBYS CREEK AT SANCHEZ RD**Date:** 4/7/2022**WIN/Field ID:** 20030594**WBID:** 2326B**ENR:** -**Latitude:** 30.22153**County:** DUVAL**Org ID:** 21FLA**Longitude:** -81.60894**Receiving Body of Water:** Lower St. Johns**RQ:** 2022-04-11-23

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Jeremy Parrish		x		x	x
☒	Vincent McClure	x		x		
☐						
☐						

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☐ Syringe	☒ Pole
Depth measured with: Meter	
Secchi Equipment ID:	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☒ Other Bridge	☐ Gasoline Motor

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded		Meter ID# BRUCE	
Photos: No	Flow: NA	Tide: RISING	Tide Times: High: 600 Low: 1200
Biological Samples Collected: ☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI Other:			
SPIO ID Numbers:			
Notes: HEAVY EAIN4E			

Duplicate Sample	
Time Zone: EST	Time: Field ID: N/A (WIN_ID_DUP)
WIN DMT Activity ID:	

Blank	
Time Zone:	Time: Field ID: (Blank Type_DDMMYYYY)
DI Source:	Location:
DI Type:	Equipment ID:
DI Container (Name/ID): DI Container Type:	

LIMS EVENT ID:	WIN Import ID:
Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date)	QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)
Scan/Save Field Sheets (Initials/Date)	Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)



RQ-2022-04-11-23

Customer: NE-DIST

Project ID: STRATEGIC MONITORING PLAN

Collected By: Jeremy Parrish, Vincent McClure

Field Report Prepared By: Jeremy Parrish

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G2NE1164

Location: Miramar at San Jose

Comments:

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
4/7/2022	955 EST	5.73	67.6	23.5	6.91	0.2	☐ VOB (S)	0.398	200.7	0.09
	EST									

Central Lab please use top row for login purposes

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 Lot # Sa1308030 Exp: 2/01/22	☒ Ice ☒ H2SO4*	☒ <2	1	A
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD Lot # Exp:	☒ Ice ☐ HNO3*	☐ <2		
Filtered Nutrients (P125ML)	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter Filter Lot # Syringe Lot#	☐ Ice			
Biochemical Oxygen Demand (BP-1L)	BODTEST OV-BODUNIN	☐ Ice			
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	A
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHL / W-COLOR / W-SO4-IC / W-DS	☒ Ice		1	A
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / 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 Contract Lab	☐ Ice			
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULLZ ☐ PCR-GFD	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice	MCAA Exp. Date		
Pesticides (BG-500ML) (BG-1L)	☒ W-E8321-DI ☐ W-E8321-MS ☐ W-PSNP-TQ ☒ W-CT-CL-R ☒ W-PCL-TQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution) ☐ W-TR-SQ-R ☒ W-PCB-TQ-R	☒ Ice	MCAA Lot#	3	A
Phytoplankton/Periphyton	☐ DTY-QN-C ☐ PKD-QN-BV	☐ Ice			

Name: Jeremy Parrish Vincent McClure	Signature:	Date: 04/07/2022
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*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION****STRATEGIC MONITORING PLAN FIELD SHEET**

January 2022

Meter Passed End

of Day CCV

Yes / No

WIN Station Name: Miramar at San Jose

Date: 4/7/2022

WIN/Field ID: G2NE1164

WBID: 2304

ENR: -

Latitude: 30.28414

County: DUVAL

Org ID: 21FLA

Longitude: -81.65618

Receiving Body of Water: Lower St. Johns

RQ- 2022-04-11-23

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Jeremy Parrish		x		x	x
☒	Vincent McClure		x	x		
☐						
☐						

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☐ Syringe	☒ Pole
Depth measured with: Meter	
Secchi Equipment ID:	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☒ From Shore	☐ Electric Motor
☐ Other	☐ Gasoline Motor

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded		Meter ID# BRUCE	
Photos: NO	Flow: FLOW	Tide:	Tide Times: High: Low:
Biological Samples Collected: ☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI Other:			
SPIO ID Numbers:			
Notes: JUST RAINED			

Duplicate Sample	
Time Zone: EST	Time: Field ID: N/A (WIN ID_DUP)
WIN DMT Activity ID:	

Blank	
Time Zone: EST	Time: 1000
Field ID: FB_04072022	(Blank Type_DDMMYYYY)
DI Source: Carboy	Location: On site
DI Type: Field Blank	Equipment ID:
DI Container (Name/ID): CarNB	DI Container Type: Carboy

LIMS EVENT ID:	WIN Import ID:
Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date)	QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)
Scan/Save Field Sheets (Initials/Date)	Migrate Data to WIN: (Initials/Date)
	Verify Data In WIN: (Initials/Date)



RQ- 2022-04-11-23

Customer: WQAP

Project ID: SMP

Collected By: Jeremy Parrish, Vincent McClure

Field Report Prepared By: Jeremy Parrish, Vincent McClure

Sampling Agency: FDEP

BLANK



FieldID: FB 04072022

Comments:

Matrix: Field Blank

(Check one) ☐ COMPOSITE ☒ GRAB

Date

Time

DI Source: Carboy

4/7/2022

1000

EST

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 Lot # Sa1308030 Exp: 12/01/22	☒ Ice ☒ H2SO4	☐ <2	1	C
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP Lot # Exp:	☐ Ice ☐ H2SO4	☐ <2		
Filtered Nutrients (P125ML)	☐ W-PO4-F Filter ☐ Field Filtered 0.45 µm Filter Lot # Syringe Lot #	☐ Ice			
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-IC / TDS	☒ Ice		1	C
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice	MCAA Exp. Date		
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☒ W-CT-CL-R ☒ W-PCL-TQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution) ☐ W-TR-SQ-R ☒ W-PCB-TQ-R	☐ Ice	MCAA Lot#	2	C
Name: Jeremy Parrish Vincent McClure		Signature:		Date: 04/07/2022	

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



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 1 of 1

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>Jax</u> State <u>FL</u> Zip <u>32256</u>													B. Bulk	S. Soil/Sludge											
Attn. <u>Rep-Overflow Micro</u>													W. Wipe	O. Other											
Tel. _____ E-mail or Fax _____										Container Preservation Codes							Sample Kit or Container Lot #								
Project Name <u>LSJR South Side</u>										6	6	6													
Project Number <u>2022-04-11-23</u>										Parameters										Preservation Codes:					
Project Location _____										E. Coli - Quantitray	Enterococci - Quantitray	Coliform, Fecal - MF 3 Dilutions								0. None	5. Na2S2O3				
Sampler Name/Signature <u>Jeremy Parrish / Jeremy Parr</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? ☒ Yes / No	
																								Cooler Temp: <u>0.3</u> °C	
																								Sample Cont. Temp: <u>4.3</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	
										1-3		<u>Jeremy Parr</u>				<u>4/7/22 1137</u>				<u>DC Vc</u>				<u>04/07/22 1137</u>	



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: **BRVLC**

RQ: **2022-04-11-23**

Project: **SMP LSTR South**

- 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 **7/3/22**

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.	Vincent Miller	4/7/22	8:11	21.7	754.4	8.7	8.7	99.3	/	1.022	P/F	O/F
ICV	I	I	8:12	21.7	754.5	8.7	8.74	99.2	/	1.022	P/F	O/F
CCV	I	I	8:48	21.1	755.0	8.6	8.62	98.8	/	1.022	P/F	O/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.	Vincent Miller	4/7/22	8:14	220225A	03/23	1800	1800	P/F	O/F
ICV	I	I	8:17	211223	12/22	1413	1418	P/F	O/F
CCV	I	I	10:50	210917A	09/22	100	100.1	P/F	O/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.	Vincent Miller	4/7/22	8:20	2112819	12/23	7.01	22.6	7.01	-15.6	P/F	O/F
Calibr.			8:26	2201088	01/24	4.00	22.2	4.00	160.3	P/F	O/F
Calibr.			8:30	2202261	7/23	10.03	22.6	10.03	-186.9	P/F	O/F
ICV	I	I	8:32	2112819	12/23	7.01	22.6	7.01	-14.0	P/F	O/F
CCV	I	I	10:52	2201088	01/24	9.09	22.4	9.06	156.6	P/F	O/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 **175.4**, slope from 4 to 7 **171.8** (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? **YES** / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: **2/3/22**

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	Vincent Miller	4/7/22	8:34	0.2	0.2	P/F	O/F

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

COMMENTS:

Date of Request: 10-MAR-2022
 Created By: PARRISH_J On: 10-MAR-2022
 Modified By: JASROTIA_P On: 24-MAR-2022
 Customer: NE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northeast District
 Event Description: LSJR Southside 2022

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Cooler Ship EMail: Jeremy.M.Parrish@floridadep.gov

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 24-MAR-2022
 Biology Request Reviewed By: JASROTIA_P On: 24-MAR-2022
 Sampling Kit Required: YES Ship on: 01-APR-2022
 Sampling Kit Shipped: YES On: 31-MAR-2022
 Sampling Kit Packed By: MCCOY_I
 Preservatives Needed: YES
 Date to Receive Samples: 11-APR-2022
 Logged In By:

Send Final Report To:

8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Report Notification EMail: Jeremy.M.Parrish@floridadep.gov

Comments: Group A: (Surf.-Fresh)Nutrients, Ctlr, pcl tqr, pcb tqr
 Group B: (Surf.-Salt)Metals, Ct-CLR, PCL-TQR, pcbtqr, bacteria
 Group C:(Blank)Nutrient,Ct-CIR, PCL-TQR,pcb-tqr

Packing Notes:

1 box H2So4
 1 box of HNo3

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-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) 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

Bottle Group A (Water) With 1 Samples:

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 3 Samples:

Bottle Type: P-250ML-WO-THI	Number of Bottles: 3	Preserved With: ICE
ENT-24-QT	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems
Bottle Type: BG-500ML FILL TO	Number of Bottles: 6	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:	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: HNO3
W-ICP	Template: SMP-MARINE	(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
Strontium
Tin
Titanium
Vanadium
Zinc

W-ICPMS Template: SMP-MARINE (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

*Strontium
Aluminum
Antimony
Arsenic
Beryllium
Cadmium
Chromium
Cobalt
Copper
Lead
Manganese
Molybdenum
Nickel
Selenium
Silver
Thallium

Bottle Group C (Water) With 1 Samples:

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 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-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BG-500ML FILL TO	Number of Bottles: 2	Preserved With: ICE

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

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