Login Checklist

RQ- **2023 - 08 - 14- 49** Login Station ID: **# 2**

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: **08/18/2023 / 09:25**

*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	
0.8C				4		x			**5225 5546 7282**

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/ Field Sheet(s) Included? Yes _____ No **x**

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 **x** No **x** Init: **ABS /**

Chlorine detected? *(One container checked per Field ID)* Yes _____ No _____ 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: 08/18/2023 Event contains NCRs (Y/N)? N

Event ID: SO - DIST - 2023 - 08 - 18 - 0 3

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
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

1196/2024/02 abs/04/03/23

Additional Comments:

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: 8/17/2023
Customer: SO-DIST
RQ: RQ-2023-08-14-49
Collected By: John Barrington, Other
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
EMERALD POINTE CANAL	G3SD0216
PEACE RIVER GILCHRIST PARK	G3SD0240

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 8/17/2023 1500 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: A.SHAIK
Rec'd/Inspected Date: 08/18/2023

RQ-2023-08-14-49	**Collected By**: John Barrington, Other
Customer: FDEP	**Field Report Prepared by**: John Barrington, Other
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G3SD0216	**Comments**: Microbiology sample(s) submitted to contract laboratory.
Location: EMERALD POINTE CANAL	
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)
8/17/2023 1030	3.44	50.6	30.9	7.11	0.3	1.1	1.1	23950	14.44

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 Lot # SA3010302 Exp: 01/25/2024	X Ice X H2SO4*	X	<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 um Filter Filter Lot # Syringe Lot #	Ice				
BOD (BP-1L)	OV-BODUNIN	Ice				
Chlorophyll (BP-1L)	x CHLSUITE-W	x Ice			1	A
Physical/Aggregate (Fresh) (P-1L)	x Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS	x Ice			1	A
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 Contract Lab	x Ice			1	A
Molecular (QPCR-P-500ML)	PCR-HF183 PCR-BacR PCR-DG3 PCR-GULL2 PCR-GFD	Ice				
Tracers (BG-500ML)	W-E8321-DI W-E8321-MS	Ice				
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI W-E8321-MS W-PSNP-TQ 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	Ice **MCAA Exp.**	**MCAA Lot#**			
Phytoplankton (BP-1L)	DTY-QN-C PKD-QN-BV	Ice				
DOC (P-500ML)	W-DOC Field Filtered 0.45 um Filter **Acid Preservative Expiration Date** **Acid Preservative Lot Number**	Ice H2SO4*		<2		

RQ-2023-08-14-49	**Collected By**: John Barrington, Other
Customer: FDEP	**Field Report Prepared by**: John Barrington, Other
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID:  **WIN ID/Field ID:** G3SD0240	**Comments**: Microbiology sample(s) submitted to contract laboratory.
Location: PEACE RIVER GILCHRIST PARK	
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)
8/17/2023 1100	5.33	81.1	31.8	7.7	0.3	1.3	1.3	30681	18.91

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)	X W-ICPMS; X W-ICP; X W-HARD; Lot #: NA2230040; Exp: 09/01/2023	X Ice; X HNO3*	X <2	1	B
Filtered Nutrients (P125ML)	W-PO4-F; Field Filtered 0.45 um Filter; Filter Lot #: ; Syringe Lot #:	Ice			
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 Contract Lab	x 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-MS	Ice			
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI; W-E8321-MS; W-PSNP-TQ; 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	Ice; MCAA Exp.: ; MCAA Lot#:			
Phytoplankton (BP-1L)	DTY-QN-C; PKD-QN-BV	Ice			
DOC (P-500ML)	W-DOC; Field Filtered 0.45 um Filter; Acid Preservative Expiration Date: ; Acid Preservative Lot Number:	Ice; H2SO4*	<2		

RQ-2023-08-14-49

Date of Request: 16-AUG-2023
Created By: REISTAD_N On: 16-AUG-2023
Modified By: AYRES_J On: 17-AUG-2023
Customer: SO-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: South District
Event Description: 2023 SMP: Continuous Pickup

Send Coolers To:

Phone: 239-344-5718
FLDEP South District Office
2295 Victoria Ave. Suite 314
Fort Myers, FL 33901-3381
Attn: Nicole Reistad
Cooler Ship EMail: Nicole.Reistad@FloridaDEP.gov

Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 17-AUG-2023
Biology Request Reviewed By: AYRES_J On: 17-AUG-2023
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped:
Sampling Kit Packed By:
Preservatives Needed: NO
Date to Receive Samples: 17-AUG-2023
Logged In By: SHAIK_A On: 18-AUG-2023

Send Final Report To:

FLDEP South District Office
2295 Victoria Ave. Suite 314
Fort Myers, FL 33901-3381
Attn: Nicole Reistad
Report Notification EMail:
Nicole.Reistad@FloridaDEP.gov;John.Barrington@FloridaDEP.gov;Monica.Jaeger@FloridaDEP.gov;Samantha.Gelinas@FloridaDEP.gov

Comments: Group A: Nutrients, Entero
Group B: Metals, Entero

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 Color (true)	Template: DEFAULT	(DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)
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 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE

SD-SND-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by Sanders in Fort Myers

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-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE

SD-SND-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by Sanders in Fort Myers

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

Bottle Group B (Water) With 1 Samples:

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		