

Login Checklist

RQ- 2022-10-10-52

Login Station ID: 5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 10/11/2022 @ 1:10

*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	
- 1.6				10					5859 4729 5446
- 0.5				2					5854 4729 5457

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: C.P

Chlorine detected? (One container checked per Field ID)

Yes _____

No ☒

Init: C.P

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: C.P

**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: C.P

Date: 10/11/2022

Event contains NCRs (Y/N)? ☒

Event ID: SE-DIST-2022-10-11-02 (SMP)
Date Received: 11-OCT-2022 21:10

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	21241820 10/19/22
pH Test Strips 0 – 6	NA
pH Paper 0 – 3	NA
pH Paper 0 – 13	210620 4/15/2023
Chlorine Test Strips	0070 02/2023

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# _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 10/10/2022
Collected By: Jordan Skaggs, Sabrina Fischer
Customer:
Sampling Agency: FDEP
RQ: RQ-2022-10-10-52
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: 2

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
Farm Canal @ Hwy 98 and SR 717	 G5SE0091
SFWMD C2444 @ Bean City	 G5SE0029
West Palm Beach Canal @ Twenty-mile Bend	 G5SE0058
WCA1 near culvert	 G5SE0117

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 10/10/2022
1700 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: C. P.

Rec'd/Inspected
Date: 10/11/2022



RQ-2022-10-10-52

Collected By: Jordan Skaggs, Sabrina Fischer

Customer: FDEP

Field Report Prepared by: Jordan Skaggs, Sabrina Fischer

Project ID: SMP

Sampling Agency: FDEP

Comments:

WIN ID/Field ID:



WIN ID/Field ID: G5SE0091

Location: Farm Canal @ Hwy 98 and SR 717

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)
10/10/2022 1105	1.56	19.2	26.3	7.5	0.3	0.4	2.3	1860	0.94

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 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	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	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	H2SO4*	<2			
		Acid Preservative Expiration Date						
		Acid Preservative Lot Number						

WIN ID/Field ID:
WIN ID/Field ID: G5SE0029

Location: SFWMD C2444 @ Bean City

Matrix: Fresh					(Check One)		✓ Grab		☐ Composite							
Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h)							
10/10/2022 1150	8.04	99.7	25.9	7.6	0.3	0.4	0.7	1372	0.6							
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 #		SA2229010		Exp:		08/30/2023								
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					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)		X	E Coli		F Coli		Enterococci		X					Ice	1	A
		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-2022-10-10-52

Collected By: Jordan Skaggs, Sabrina Fischer

Customer: FDEP

Field Report Prepared by: Jordan Skaggs, Sabrina Fischer

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5SE0058

Comments:

Location: West Palm Beach Canal @ Twenty-mile Bend

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. @	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
10/10/2022 1230	6.06	77.5	27.4	7.45	0.3	0.6	0.5	2566	1.32

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-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		
	Contract Lab			Ice	
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		
	X W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA Buffer Solution)	X W-CT-CL-R	X Ice	
	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	H2SO4*	
		Acid Preservative Expiration Date			<2
		Acid Preservative Lot Number			



RQ-2022-10-10-52	Collected By: Jordan Skaggs, Sabrina Fischer
Customer: FDEP	Field Report Prepared by: Jordan Skaggs, Sabrina Fischer
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G5SE0117	Comments:

Location: WCA1 near culvert

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. @	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)					
10/10/2022 1300	4.28	53.1	26.4	7.65	0.3	1	1.3	975	0.48					
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		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)	X	E Coli		F Coli	x	Ice			1	C				
	Contract Lab													
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR		Ice									
	PCR-GULL2		PCR-GFD											
Tracers (BG-500ML)	X	W-E8321-DI		X	W-E8321-MS		x	Ice		C				
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI		W-E8321-MS		Ice	MCAA Exp.	MCAA Lot#							
	W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)											
	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	H2SO 4*			<2					
			Acid Preservative Expiration Date											
			Acid Preservative Lot Number											

Date of Request: 26-SEP-2022
 Created By: LUERING_A On: 26-SEP-2022
 Modified By: JASROTIA_P On: 28-SEP-2022
 Customer: SE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southeast District
 Event Description: SE Okeechobee

Send Coolers To:

Phone: (772) 380-5572
 FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Jordan Skaggs
 Cooler Ship EMail: Jordan.Skaggs@FloridaDEP.gov

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 28-SEP-2022
 Biology Request Reviewed By: JASROTIA_P On: 28-SEP-2022
 Sampling Kit Required: YES Ship on: 30-SEP-2022
 Sampling Kit Shipped: YES On: 29-SEP-2022
 Sampling Kit Packed By: ROBERTS_Z
 Preservatives Needed: NO
 Date to Receive Samples: 14-OCT-2022
 Logged In By: PENDLETO_C On: 11-OCT-2022

Send Final Report To:

FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Jordan Skaggs
 Report Notification EMail:
 Jordan.Skaggs@FloridaDEP.gov; Andrew.Luering@FloridaDEP.gov

Comments:

Bottle Group A (Nutrients and E. coli)
 G5SE0029

Bottle Group B (W-CT-CL-R, W-PCL-TQ-R, PCB)
 G5SE0058
 G5SE0091

Bottle Group C (E. coli)
 3252B (G5SE0117)

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-WO-THI	Number of Bottles: 1	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

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 2 Samples:

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 Group C (Water) With 1 Samples:

Bottle Type: P-250ML-WO-THI	Number of Bottles: 1	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
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

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