

Login Checklist

RQ-2024-04-22-19

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 4/ 25 /2024@ 08:50

*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	
1.3				10		X			728166303304

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: TL

Chlorine detected? (One container checked per Field ID)

Yes _____ No ☒ Init: TL

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: TL

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

Yes _____ No _____ NA ☒ Init: TL

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

Coolers Unpacked/Checked by: TL

Date: 4/ 25 /2024

Event contains NCRs(Y/N)? N

Event ID: SO-DIST-2024-04-25-03

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #4 Exp:10/16/2024
pH Test Strips 0 – 6	LOT# 223819BV Exp: AUG 15, 2024
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT# 207621 Exp: March 15, 2024
Chlorine Test Strips	LOT# 3180A Exp: April 2026

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: 4/24/2024
Customer: SO-DIST
RQ: RQ-2024-04-22-19

Collected By: Samantha Gelinas, Sarah Meyer
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: 2

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
C 2444 AT BEAN CITY	 G5SD0132
C 19 CANAL	 G3SD0162
L 61W	 G4SD0194

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/24/2024
1500 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: TL

Rec'd/Inspected Date: 4/25/24



RQ-2024-04-22-19	Collected By: Samantha Gelinis, Sarah Meyer
Customer: FDEP	Field Report Prepared by: Samantha Gelinis, Sarah Meyer
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5SD0132

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

Location: C 2444 AT BEAN CITY

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)								
4/24/2024 940	2.6	30.7	23.5	7.19	0.3	0.8	0.8	600	0.29								
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 #		SA3340020		Exp:	12/11/2024										
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)	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
	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 (BP-1L)		DTY-QN-C		PKD-QN-BV					Ice								
DOC (P-500ML)		W-DOC	Field Filtered 0.45 um Filter					Ice		H2SO 4*		<2					
			Acid Preservative Expiration Date														
			Acid Preservative Lot Number														



RQ-2024-04-22-19	Collected By: Samantha Gelinas, Sarah Meyer
Customer: FDEP	Field Report Prepared by: Samantha Gelinas, Sarah Meyer
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3SD0162

Comments:

Location: C 19 CANAL

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)			
4/24/2024 1030	4.16	50.3	24.9	7.43	0.3	0.8	0.8	438	0.21			
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-CHC / 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 (BP-1L)		DTY-QN-C		PKD-QN-BV		Ice						
DOC (P-500ML)		W-DOC		Field Filtered 0.45 um Filter		Ice	H2SO4*	<2				
				Acid Preservative Expiration Date								
				Acid Preservative Lot Number								



RQ-2024-04-22-19	Collected By: Samantha Gelinas, Sarah Meyer
Customer: FDEP	Field Report Prepared by: Samantha Gelinas, Sarah Meyer
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4SD0194

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

Location: L 61W

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)							
4/24/2024 1110	4.2	48.8	22.5	7.64	0.3	0.3	0.4	346.2	0.16							
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 #		SA3340020		Exp:		12/11/2024								
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)	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
	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 (BP-1L)		DTY-QN-C		PKD-QN-BV					Ice							
DOC (P-500ML)		W-DOC	Field Filtered 0.45 um Filter					Ice		H2SO 4*		<2				
	Acid Preservative Expiration Date															
	Acid Preservative Lot Number															

Date of Request: 14-MAR-2024
Created By: REISTAD_N On: 14-MAR-2024
Modified By: JASROTIA_P On: 03-APR-2024
Customer: SO-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: South District
Event Description: 2024 SMP: Okee Canals

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: 03-APR-2024
Biology Request Reviewed By: JASROTIA_P On: 03-APR-2024
Sampling Kit Required: YES Ship on: 12-APR-2024
Sampling Kit Shipped: YES On: 10-APR-2024
Sampling Kit Packed By: PENDLETO_C
Preservatives Needed: YES
Date to Receive Samples: 25-APR-2024
Logged In By: LEBRUN_T On: 25-APR-2024

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;Monica.Jaeger@FloridaDEP.gov;Samantha.Gelinas@FloridaDEP.gov

Comments: Group A: Nutrients, E. coli x2
Group B: W-CT-CI-R, W-PCB-TQ-R, W-PCL-TQ-R
Group C: Nutrients, E. coli, Tracers, W-PSNP-TQ, W-TR-SQ-R, W-CARB-AA, W-CT-CI-R, W-PCB-TQ-R, W-PCL-TQ-R

#####

Buffer Solution for W-CARB-AA Bottle
1 vial per bottle

#####

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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: 2	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: 2	Preserved With: ICE
SD-SND-ECQ	Template: DEFAULT	(Colilert-18) E. coli by Colilert-18/QT by Sanders in Fort Myers
Bottle Type: P-500ML	Number of Bottles: 2	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

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-500ML Number of Bottles: 2 Preserved With: ICE And H2SO4
 W-TOC Template: DEFAULT (SM 5310 B-2014) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group B (Water) With 1 Samples:

Bottle Type: BG-500ML FILL TO Number of Bottles: 4 Preserved With: ICE
 W-CT-CI-R Template: DEFAULT (EPA 8276) Chlordane and Toxaphene 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 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) Chlordane and Toxaphene 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: 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 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-2014) Nonpurgeable Organic Carbon in aqueous matrices
 Bottle Type: BG-500ML Number of Bottles: 4 Preserved With: ICE
 W-PSNP-TQ Template: DEFAULT (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
 W-TR-SQ-R Template: DEFAULT (EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM
 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 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-ECQ Template: DEFAULT (Colilert-18) E. coli by Colilert-18/QT by Sanders in Fort Myers
 Bottle Type: BG-500ML Number of Bottles: 1 Preserved With: CH2CICOOH and Ice
 W-CARB-AA Template: DEFAULT (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS

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