

Login Checklist

RQ- **2021 - 04 - 19 - 36**

Login Station ID: **# 3**

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

Date/Time of Receipt: **04-30-2021 / 09:40**

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
					Yes	No	Yes	No	
2.2C				8		X			9293 8011 8004
1.6C				5		X			9293 8011 1341
3.6C				10		X			9293 8011 1352

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 _____ 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: **04-30-2021** Event contains NCRs (Y/N)? **N**

Event ID: **SE-DIST - 2021 - 04 - 30 - 0**

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 3 EXP:10/28/2021
pH Test Strips 0 – 6	213316 BV EXP:05/15/21
pH Paper 0 – 3	N/A
pH Paper 0 – 13	231019 EXP:11/01/2021
Chlorine Test Strips	0261 2023 / 05

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# _____

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: <u>4/29/2021</u> Customer: <u>WQAP</u> RQ: <u>RQ-2021-04-19-36</u>	Collected By: <u>Jordan Skaggs, Drew Liddick</u> Sampling Agency: <u>FDEP</u> Project ID: <u>SMP</u>
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PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

Number of Coolers Shipped: 3

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
South Canal @ 20th Ave	 G5SE0086
FB	 FB_04292021
South Canal @ 43rd Ave	 G5SE0087
North Canal @US1	 G5SE0043
Vero North Canal @ 66th Ave	 G5SE0069
Micco Ditch @ Micco Rd.	 G5SE0048
Goat Creek @ Gradick	 G5SE0080
Goat Creek @ Leghorn	 G5SE0090

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 4/29/2021 1700

A handwritten signature in black ink, appearing to be 'D. J.' followed by a horizontal line.

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: A.SHAIK

Rec'd/Inspected
Date: 04-30-2021



RQ-2021-04-19-36	Collected By: Drew Liddick, Jordan Skaggs
Customer: FDEP	Field Report Prepared by: Drew Liddick, Jordan Skaggs
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G5SE0086 Location: South Canal @ 20th Ave	Comments:
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Matrix: Fresh	(Check One) ☒ Grab ☐ Composite
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Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
4/29/2021 1200	8.28	105.9	27.9	6.99	0.15	0.2	0.2	1345	0.67

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				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 #								
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				Ice				
Periphyton (PT-50ML)	ALGAE-ID				Ice				
Microbiology (Contract Lab Bottle)	X	E Coli	F Coli	Enterococci	X	Ice		1	B
	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				
				W-DIELDIN					
	W-PCL-SQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R					
Phytoplankton	DTY-QN-C		PKD-QN-BV		Ice				



RQ-2021-04-19-36

Customer: FDEP

Project ID: SMP

Collected By: Drew Liddick, Jordan Skaggs

Field Report Prepared by: Drew Liddick, Jordan Skaggs

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: FB_04292021

Comments:

D

Location: FB

Matrix: DI Water

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
4/29/2021 1205									
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				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 #								
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				Ice				
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				
			W-DIELDIN						
	W-PCL-SQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R					
Phytoplankton	DTY-QN-C		PKD-QN-BV		Ice				

RQ-2021-04-19-36

Collected By: Drew Liddick, Jordan Skaggs



Customer: FDEP

Field Report Prepared by: Drew Liddick, Jordan Skaggs

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5SE0087

Comments:

Location: South Canal @ 43rd Ave

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
4/29/2021 1220	5.34	66.4	26.4	7.41	0.3	0.6	1.8	1933	0.98
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			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 #							
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			Ice				
Periphyton (PT-50ML)		ALGAE-ID			Ice				
Microbiology (Contract Lab Bottle)		X	E Coli	F Coli	Enterococci	X	Ice	1	B
		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		
		W-PCL-SQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-DIELDIN				
					W-CT-CL-R				
Phytoplankton		DTY-QN-C			PKD-QN-BV		Ice		

RQ-2021-04-19-36

Collected By: Drew Liddick, Jordan Skaggs



Customer: FDEP

Field Report Prepared by: Drew Liddick, Jordan Skaggs

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID: 

WIN ID/Field ID: G5SE0043

Comments:

Location: North Canal @US1

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)		
4/29/2021 1300	8.32	108.1	28.5	7.43	0.15	0.2	0.2	843	0.41		
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				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 #										
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				Ice						
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	4	A			
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI	W-E8321-MS	W-PSNP-TQ	X	Ice					
	X	W-PCL-SQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)	W-DIELDRIN							
			X	W-CT-CL-R							
Phytoplankton	DTY-QN-C		PKD-QN-BV			Ice					

RQ-2021-04-19-36

Collected By: Drew Liddick, Jordan Skaggs



Customer: FDEP

Field Report Prepared by: Drew Liddick, Jordan Skaggs

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5SE0069

Comments:

Location: Vero North Canal @ 66th Ave

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
4/29/2021 1320	5.05	62.9	26.3	7.43	0.3	0.6	1.3	1368	0.68

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						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 #													
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						Ice							
Periphyton (PT-50ML)	ALGAE-ID						Ice							
Microbiology (Contract Lab Bottle)	X	E Coli		F Coli		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	x					Ice	2	A
				X	W-DIELDRIN									
	X	W-PCL-SQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)			X								
Phytoplankton	DTY-QN-C		PKD-QN-BV					Ice						

RQ-2021-04-19-36

Collected By: Drew Liddick, Jordan Skaggs



Customer: FDEP	Field Report Prepared by: Drew Liddick, Jordan Skaggs
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 
 WIN ID/Field ID: G5SE0048

Comments:

Location: Micco Ditch @ Micco Rd.

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
4/29/2021 1415	2.85	34.9	25.6	7.13	0.3	0.5	1.2	872	0.43

Central Lab please use top row for login purposes

Contract Lab please use top row for Contract Lab										
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 #									
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					Ice				
Periphyton (PT-50ML)	ALGAE-ID					Ice				
Microbiology (Contract Lab Bottle)	X	E Coli	F Coli	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					
				W-DIELDRIN						
	W-PCL-SQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R						
Phytoplankton	DTY-QN-C		PKD-QN-BV		Ice					

RQ-2021-04-19-36

Collected By: Drew Liddick, Jordan Skaggs



Customer: FDEP

Field Report Prepared by: Drew Liddick, Jordan Skaggs

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G5SE0080

Comments:

Location: Goat Creek @ Gradick

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTH		
4/29/2021 1445	6.84	83.7	25.4	7.6	0.15	0.2	0.2	1503	0.75		
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					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 #										
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					Ice					
Periphyton (PT-50ML)	ALGAE-ID					Ice					
Microbiology (Contract Lab Bottle)	X	E Coli	F Coli	Enterococci	x	Ice				1	B
	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					
					W-DIELDRIN						
	W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R						
Phytoplankton	DTY-QN-C		PKD-QN-BV			Ice					

RQ-2021-04-19-36

Collected By: Drew Liddick, Jordan Skaggs



Customer: FDEP

Field Report Prepared by: Drew Liddick, Jordan Skaggs

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5SE0090

Comments:

Location: Goat Creek @ Leghorn

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h)		
4/29/2021 1500	6.98	86.5	26	7.55	0.15	0.2	0.2	1489	0.74		
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					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 #										
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					Ice					
Periphyton (PT-50ML)	ALGAE-ID					Ice					
Microbiology (Contract Lab Bottle)	X	E Coli	F Coli		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				
					W-DIELDRIN						
	W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R						
Phytoplankton	DTY-QN-C		PKD-QN-BV				Ice				

RQ-2021-04-19-36

Collected By: Jordan Skaggs, Drew Liddick



Customer: FDEP

Field Report Prepared by: Jordan Skaggs, Drew Liddick

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G5SE0044

Comments:

Location: South Canal @ US 1

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)				
4/29/2021 1550	9.09	122	30.4	7.62	0.3	0.4	0.4	1684	0.84				
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)	X	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				X	Ice	X	H2SO4*	X	<2	1	C
		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 #											
Chlorophyll (BP-1L)	X	CHLSUITE-W				X	Ice					1	C
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	C
Physical/Aggregate (Marine) (P-1L)		Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY					Ice						
Macroinvertebrates (PJ-2L)		MI-FW-QLDC					Ice						
Periphyton (PT-50ML)		ALGAE-ID					Ice						
Microbiology (Contract Lab Bottle)	X	E Coli		F Coli	Enterococci	X	Ice					1	C
		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						
		W-PCL-SQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-DIELDRIN								
					W-CT-CL-R								
Phytoplankton		DTY-QN-C		PKD-QN-BV			Ice						

Date of Request: 25-MAR-2021
 Created By: SKAGGS_J On: 25-MAR-2021
 Modified By: JASROTIA_P On: 21-APR-2021
 Customer: SE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southeast District
 Event Description: SMP - IRC canals + 3121/3107B + FB

Send Coolers To:

Phone: (772) 448-5884
 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: WATTS_J On: 21-APR-2021
 Biology Request Reviewed By: JASROTIA_P On: 21-APR-2021
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped: YES On: 08-APR-2021
 Sampling Kit Packed By: MCCOY_I
 Preservatives Needed: NO
 Date to Receive Samples: 21-APR-2021
 Logged In By: SHAIK_A On: 30-APR-2021

Send Final Report To:

FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Drew Liddick
 Report Notification Email:
 drew.liddick@FloridaDEP.gov;jordan.skaggs@floridadep.gov;and
 rew.luering@floridadep.gov

Comments: Sampler Comments:

Group A - Ecoli + organics
 3147 - G5SE0043
 3147 - G5SE0069

Group B - Ecoli
 3158 - G5SE0086
 3158 - G5SE0087
 3107B - G5SE0080
 3107B - G5SE0090
 3121 - G5SE0048 satisfies April requirement

Group C - 3F nut, Ecoli
 3158 - G5SE0044 - RPS/LVS/HA/PChem

Group D - 3F nut field blank + organics

2 nutrient, 8 ecoli, 3 organics

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-250ML-WO-THI	Number of Bottles: 2	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
Bottle Type: BG-500ML	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-PCL-TQ-R	Template: DEFAULT	(EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

Bottle Group B (Water) With 5 Samples:

Bottle Type: P-250ML-WO-THI	Number of Bottles: 5	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Group C (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

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
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	(SM 2120 B-2011) 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: P-250ML-WO-THI	Number of Bottles: 1	Preserved With: ICE
ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
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-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group D (Water) With 1 Samples:

Bottle Type: BG-500ML	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-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
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-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
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	(SM 2120 B-2011) 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

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