

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 4/8/2021 **Collected By:** Chris Hormuth, William Mullen
Customer: SO-DIST **Sampling Agency:** FDEP
RQ: RQ-2021-04-05-62 **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
Harney Pond Canal @ SR 70	 G4SD0173
Indian Prairie Canal @ SR 70	 G4SD0174
C-41 A @ SR 70	 G4SD0175
L-49	 G4SD0190

RELINQUISHED BY(SIGNATURE):

DATE/TIME:

William S. Mullen

04/08/2021 1500pm

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

**Rec'd/Inspected
Date:**



RQ-2021-04-05-62	Collected By: Chris Hormuth, William Mullen
Customer: FDEP	Field Report Prepared by: Chris Hormuth, William Mullen
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4SD0173

Location: Harney Pond Canal @ SR 70

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)
4/8/2021 1040	7.83	90.9	22.6	7.58	0.3	0.4	0.5	178.3	0.08

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	B
	Lot #		SA0353110		Exp:	1/11/22								
Metals (P-500ML)		W-ICPMS			W-ICP			Ice		HNO3*		<2		
	Lot #				Exp:									
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 um Filter			X	Ice				1	B
	Filter Lot #		17101170											
	Syringe Lot #		118593											
Chlorophyll (BP-1L)	X	CHLSUITE-W					X	Ice		1			B	
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
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)	X	W-E8321-DI		X	W-E8321-MS			X	Ice		1	B		
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						



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Collected By: Chris Hormuth, William Mullen

Field Report Prepared by: Chris Hormuth, William Mullen

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4SD0174

Location: Indian Prairie Canal @ SR 70

Comments:

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														
4/8/2021 1110	8.31	97.1	23.2	7.5	0.2	0.4	0.4	175.1	0.08														
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 #		SA0353110		Exp:		1/11/22															
Metals (P-500ML)			W-ICPMS			W-ICP			W-HARD			Ice		HNO3*		<2							
		Lot #				Exp:																	
Filtered Nutrients (P125ML)		X	W-PO4-F		X	Field Filtered 0.45 um Filter				X	Ice			1	C								
		Filter Lot #		17101170																			
		Syringe Lot #		118593																			
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)		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								4	C
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI		W-E8321-MS		W-PSNP-TQ		X					Ice										
						W-DIELDRIN																	
		W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		X	W-CT-CL-R																
Phytoplankton		DTY-QN-C		PKD-QN-BV			Ice																

RQ-2021-04-05-62

Collected By: Chris Hormuth, William Mullen



Customer: FDEP

Field Report Prepared by: Chris Hormuth, William Mullen

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G4SD0175

Comments:

Location: C-41 A @ SR 70

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)						
4/8/2021 1130	8.64	102.6	23.8	7.68	0.3	0.6	0.6	254.4	0.12						
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	B		
	Lot #		SA0353110		Exp:		1/11/22								
Metals (P-500ML)		W-ICPMS			W-ICP		W-HARD		Ice		HNO3*		<2		
	Lot #				Exp:										
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 µm Filter			X	Ice			1	B		
	Filter Lot #		17101170												
	Syringe Lot #		118593												
Chlorophyll (BP-1L)	X	CHLSUITE-W					X	Ice	1			B			
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			B			
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)	X	W-E8321-DI		X	W-E8321-MS			X	Ice	1	B				
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							

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Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G4SD0190

Comments: Microbiology sample(s) submitted to contract laboratory

Location: L-49

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)						
4/8/2021 1220	7.98	96.3	24.7	8.25	0.3	1	1.4	874	0.43						
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	A		
	Lot #		SA0353110		Exp:		1/11/22								
Metals (P-500ML)		W-ICPMS			W-ICP		W-HARD		Ice		HNO3*		<2		
	Lot #				Exp:										
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 µm Filter			X	Ice			1	A		
	Filter Lot #		17101170												
	Syringe Lot #		118593												
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-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)	X	W-E8321-DI		X	W-E8321-MS			X	Ice	1	A				
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							



CHAIN OF CUSTODY RECORD

Project #
(Lab Use Only)

Client
Florida Dept. of Environmental Protection
Address
2600 Blairstone Rd. Tallahassee, FL 32399

Report To: DEP-OverflowMicro@dep.state.fl.us
Bill to: Carina Tull
P.O. # LAB #039

Project Name: SUR
Project Location: State canals
Customer Type: Florida DEP - South ROC
Kit #:

Phone
850-245-8085 239-470-0873
Preservative: HCL = H, HNO₃ = N, Na₂S₂O₃ = ST
H₂SO₄ = S, NaOH = SH, NH₄Cl = NH

Fax

Sampled By (PRINT) William Mullen

Sampler Signature [Signature]

Sample

Preservatives

Analysis Requested

Sample ID #
(Lab Use Only)

E. coli
Enterococcus
Fecal

Notes
RCA ASD 01/10/08

Date
01/08/08

Time
1400

Preservative
S

E. coli
Enterococcus
Fecal

Samples are ambient water

Client Initial: WM

2021
RQ-2019-01-05-62
ML

Samples On Ice

Yes No