

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: <u>3/22/2021</u>	Collected By: <u>Andrew Luering, Sabrina Fischer</u>
Customer: <u>WQAP</u>	Sampling Agency: <u>FDEP</u>
RQ: <u>RQ-2021-03-22-18</u>	Project ID: <u>SMP</u>

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

Number of Coolers Shipped: 1

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

Site Location	Field ID/WIN ID
Vero North Canal @ 66th Ave	 G5SE0069
North Canal @US1	 G5SE0043
South Canal @ 43rd Ave	 G5SE0087
South Canal @ 20th Ave	 G5SE0086
South Canal @ US 1	 G5SE0044

RELINQUISHED BY(SIGNATURE): *Andrew Luering*

DATE/TIME: 03/22/2021 1700

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected Date:



RQ-2021-03-22-18	Collected By: Andrew Luering, Sabrina Fischer
Customer: FDEP	Field Report Prepared by: Andrew Luering, Sabrina Fischer
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5SE0069

Location: Vero North Canal @ 66th Ave

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)
3/22/2021 915	6.35	70.7	20.3	7.61	0.3	0.84	0.84	1490	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					
	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	
			X	W-DIELDRIN							
	X	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-2021-03-22-18

Customer: FDEP

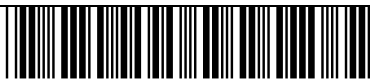
Project ID: SMP

Collected By: Andrew Luering, Sabrina Fischer

Field Report Prepared by: Andrew Luering,
Sabrina Fischer

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5SE0043

Location: North Canal @US1

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	
3/22/2021 930	6.78	76.9	21.3	7.32	0.3	0.34	0.34	1131	0.56	
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				
	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	3	A	
					W-DIELDRIN					
	X	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-2021-03-22-18

Collected By: Andrew Luering, Sabrina Fischer



Customer: FDEP

Field Report Prepared by: Andrew Luering,
Sabrina Fischer

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. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT _h					
3/22/2021 1005	6.95	79.9	21.7	7.69	0.3	0.99	0.99	2201	1.13					
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
		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-2021-03-22-18

Collected By: Andrew Luering, Sabrina Fischer



Customer: FDEP

Field Report Prepared by: Andrew Luering,
Sabrina Fischer

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID: 
WIN ID/Field ID: G5SE0086

Comments:

Location: South Canal @ 20th Ave

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		
3/22/2021 1030	5.74	67.1	22.8	7.04	0.15	0.177	0.177	1065	0.53		
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		
		Contract Lab								1	B
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-2021-03-22-18

Collected By: Andrew Luering, Sabrina Fischer



Customer: FDEP

Field Report Prepared by: Andrew Luering,
Sabrina Fischer

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 _h)					
3/22/2021 1100	7.73	88.7	21.6	7.58	0.3	0.38	0.38	1898	0.97					
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	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						