

Login Checklist

RQ- 2023-07-17-22

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 07/18/23 @0945

*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				16		x			648484563003
0.8				15		X			585947344724
2.0				10		X			648484563025

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/ FieldSheet(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: BKK

Chlorine detected? (One container checked per Field ID)

Yes _____ No ☒ Init: ☒

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: BKK

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

Yes _____ No _____ NA ☒ Init: BKK

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

Coolers Unpacked/Checked by: BKK

Date: 07/18/23 Event contains NCRs (Y/N)? ☒

EventID: Lake Clarke SE-DIST-2023-07-18-02 (SMP)

Date Received: 18-JUL-2023 09:45

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #3 Exp:10/17/2023
pH Test Strips 0 – 6	Lot#223819AV Exp:8/30/23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#207621 Exp:3/15/24
Chlorine Test Strips	Lot#1196 Exp:2/24

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: 7/17/2023 **Collected By:** Andrew Lueling, Tirzah Chichester
Customer: _____ **Sampling Agency:** FDEP
RQ: RQ-2023-07-17-22 **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: 3

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
LAKE CLARKE OUTFLOW EAST OF PINE TREE LN	 G3SE0077
LAKE CLARKE CENTER	 G3SE0043
LAKE CLARKE INFLOW 5 S CONGRESS AVE ABOVE CAYMAN DR	 G3SE0076
LAKE CLARKE INFLOW 4 S CONGRESS AVE BELOW LARK RD	 G3SE0075
LAKE CLARKE INFLOW 3 S CONGRESS AVE BELOW LAURA LN	 G3SE0074
LAKE CLARKE INFLOW 2 S CONGRESS AVE ABOVE CHEROKEE RD	 G3SE0073
LAKE CLARKE INFLOW 1 S CONGRESS AVE ABOVE COLLIN DR	 G3SE0072
C 51 EAST NEAR BELVEDERE	 G3SE0053

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 7/17/2023
1600 EST



THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Brian Krewch

Rec'd/Inspected

Date:

7/18/23 0945

WIN ID/Field ID: 
WIN ID/Field ID: G3SE0077

Matrix: Fresh

✓ 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)					
7/17/2023 955	4.55	61.3	30.7	7.46	0.3	0.66	0.66	487	0.23					
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 #		SA3013020		Exp:		01/25/2024							
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD			Ice		HNO3*			
	Lot #				Exp:					<2				
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		X	F Coli			Enterococci	X	Ice		2	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-PC8-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-2023-07-17-22

Collected By: Andrew Lueling, Tirzah Chichester

Customer: FDEP

Field Report Prepared by: Andrew Lueling, Tirzah Chichester

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G3SE0043

Comments:

Location: LAKE CLARKE CENTER

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)
7/17/2023 940	4.76	64.5	30.9	7.51	0.3	0.97	0.97	470.1	0.22

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 #		SA3013020	Exp:	01/25/2024						
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	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-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	X	F Coli		Enterococci	X	Ice		2	B	
		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	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-2023-07-17-22	Collected By: Andrew Luering, Tirzah Chichester
Customer: FDEP	Field Report Prepared by: Andrew Luering, Tirzah Chichester
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 
WIN ID/Field ID: G3SE0076

Comments:

Location: LAKE CLARKE INFLOW 5 S CONGRESS AVE ABOVE CAYMAN DR

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)					
7/17/2023 1020	3.64	48	29.6	7.11	0.3	0.6	0.6	331.5	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 #		SA3013020		Exp:	01/25/2024							
Metals (P-500ML)		W-ICPMS			W-ICP		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							
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TD5				X	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		X	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	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-PC8-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-2023-07-17-22	Collected By: Andrew Lueling, Tirzah Chichester
Customer: FDEP	Field Report Prepared by: Andrew Lueling, Tirzah Chichester
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G3SE0075	Comments:
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Location: LAKE CLARKE INFLOW 4 S CONGRESS AVE BELOW LARK RD

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)								
7/17/2023 1030	1.7	21.5	27.4	6.73	0.3	1.06	1.06	222.2	0.1								
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 #		SA3013020		Exp:	01/25/2024										
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		X	F Coli		Enterococci							X	Ice	2	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 (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-2023-07-17-22	Collected By: Andrew Lueling, Tirzah Chichester
Customer: FDEP	Field Report Prepared by: Andrew Lueling, Tirzah Chichester
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 
WIN ID/Field ID: G3SE0074

Comments:

Location: LAKE CLARKE INFLOW 3 S CONGRESS AVE BELOW LAURA LN

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)							
7/17/2023 1045	1.28	16.6	27.9	6.95	0.23	0.47	0.47	290.2	0.14							
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 #		SA3013020		Exp:	01/25/2024									
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		X	F Coli			Enterococci	X	Ice					2	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 (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-2023-07-17-22

Collected By: Andrew Luering, Tirzah Chichester

Customer: FDEP

Field Report Prepared by: Andrew Luering, Tirzah Chichester

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3SE0073

Comments:

Location: LAKE CLARKE INFLOW 2 S CONGRESS AVE ABOVE CHEROKEE RD

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)						
7/17/2023 1100	2.17	27.7	27.6	7.06	0.2	0.4	0.4	369	0.17						
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 #		SA3013020		Exp:		01/25/2024							
Metals (P-500ML)		W-ICPMS		W-ICP		W-HARD			Ice						
		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		X	F Coli		Enterococci								
		Contract Lab				X	Ice			2		A			
Molecular (QPCR-P-500ML)		PCR-HF1B3		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)				Field Filtered 0.45 µm Filter					Ice						
				Acid Preservative Expiration Date											
				Acid Preservative Lot Number											



RQ-2023-07-17-22	Collected By: Andrew Luering, Tirzah Chichester
Customer: FDEP	Field Report Prepared by: Andrew Luering, Tirzah Chichester
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SE0072	Comments:

Location: LAKE CLARKE INFLOW 1 S CONGRESS AVE ABOVE COLLIN DR

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)								
7/17/2023 1120	3.17	41	28.4	6.95	0.22	0.45	0.45	284.9	0.13								
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 #	SA3013020		Exp:	01/25/2024											
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	X	F Coli	Enterococci	X	Ice					2	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 (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														

WIN ID/Field ID:  WIN ID/Field ID: G3SE0053	Comments:
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Matrix: Fresh

(Check One)

✓ Grab

☐ Composite

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 #		SA3013020		Exp:		01/25/2024									
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								
Physical/Aggregate (Fresh) (P-1L)	X	Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS					X	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		X	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	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: 13-JUN-2023
 Created By: LUERING_A On: 13-JUN-2023
 Modified By: JASROTIA_P On: 28-JUN-2023
 Customer: SE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southeast District
 Event Description: Lake Clarke

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: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 28-JUN-2023
 Biology Request Reviewed By: JASROTIA_P On: 28-JUN-2023
 Sampling Kit Required: YES Ship on: 10-JUL-2023
 Sampling Kit Shipped: YES On: 05-JUL-2023
 Sampling Kit Packed By: KREUCH_B
 Preservatives Needed: NO
 Date to Receive Samples: 17-JUL-2023
 Logged In By:

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: A - 3F Nutrients, E. coli, and Fecal Coliforms
 G3SE0072
 G3SE0073
 G3SE0074
 G3SE0075
 G3SE0076
 G3SE0077
 Additional Station TBD
 B - 3F Nutrients, Tracers, E. coli, and Fecal Coliforms
 G3SE0043

Bottle Group A (Water) With 7 Samples:

Bottle Type: P-1L	Number of Bottles: 7	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO ₃ /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: 7	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Group A (Water) With 7 Samples:

Bottle Type: P-250ML-WO-THI	Number of Bottles: 7	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: P-250ML-WO-THI	Number of Bottles: 7	Preserved With: ICE
FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems
Bottle Type: P-500ML	Number of Bottles: 7	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 1 Samples:

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-2011) Nonpurgeable Organic Carbon in aqueous matrices
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-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: P-250ML-WO-THI	Number of Bottles: 1	Preserved With: ICE
FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems