

RQ- 2023-02-20-34

Login Checklist

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 04/14/2023@09:12

*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	
0.1				5		✓			585947345305

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:

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: 04/14/2023 Event contains NCRs (Y/N)? N

Run 1
Event ID: SW-DIST-2023-04-14-01 (SMP)
Date Received: 14-APR-2023 09:12

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #4 Exp:10/17/2023
pH Test Strips 0 – 6	LOT# 223819AV Exp: AUG 30, 2023
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT# 207621 Exp: March 15, 2024
Chlorine Test Strips	LOT# 1196 Exp: Feb. 2024

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: 4/13/2023

Collected By: Devin Mathias,

Customer: SW-DIST

Sampling Agency: FDEP

RQ: RQ-2023-02-20-34

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: 1 Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
CHASSAHOWITZKA RIVER DOWNSTREAM OF HOUSES	 G5SW0065

RELINQUISHED BY(SIGNATURE):


DATE/TIME: 4/13/2023
1700 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: TL

Rec'd/Inspected Date: 4/14/23



	RQ-2023-02-20-34	Collected By: Devin Mathias,
	Customer: FDEP	Field Report Prepared by: Devin Mathias,
	Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:  WIN ID/Field ID: G5SW0065	Comments:
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Location: CHASSAHOWITZKA RIVER DOWNSTREAM OF HOUSES									
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Matrix: Marine						(Check One) ☒ Grab		☐ Composite	
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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)
4/13/2023 915	7.04	83.2	20.6	7.77	0.3	1.1	1.9	17874	10.66

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				
		Lot # SA2229040		Exp:	11/4/23									
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-4C / 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)		E Coli	X	F Coli	X	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)		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		DTY-QN-C		PKD-QN-BV		Ice								
DOC		W-DOC	Field Filtered 0.45 um Filter			Ice		H2SO 4*	<2					
			Add Preservative Expiration Date											
			Add Preservative Lot Number											

Date of Request: 31-JAN-2023
Created By: PASWATER_B On: 31-JAN-2023
Modified By: JASROTIA_P On: 02-FEB-2023
Customer: SW-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Southwest District
Event Description: Run 1

Send Coolers To:

Phone: 813-632-7600
FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
Attn: Ben Paswater
Cooler Ship EMail: benjamin.paswater@dep.state.fl.us

Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 02-FEB-2023
Biology Request Reviewed By: JASROTIA_P On: 02-FEB-2023
Sampling Kit Required: YES Ship on: 10-FEB-2023
Sampling Kit Shipped: YES On: 06-FEB-2023
Sampling Kit Packed By: KREUCH_B
Preservatives Needed: YES
Date to Receive Samples: 20-FEB-2023
Logged In By: LEBRUN_T On: 14-APR-2023

Send Final Report To:

FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
Attn: Ben Paswater
Report Notification EMail:
benjamin.paswater@dep.state.fl.us;sarah.meyer@dep.state.fl.us
;Devin.Mathias@Floridadep.gov

Comments: #####

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

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Bottle Group A (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	
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-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: 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	
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:	(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

Bottle Group A (Water) With 1 Samples:

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
W-SO4-IC-F	Template: DEFAULT	(EPA 300.0 Rev. 2.1)	Sulfate, dissolved, in filtered, aqueous matrices
Bottle Type: BG-1L		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:	(EPA 8270E)	Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM

Bottle Group B (Water) With 1 Samples:

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
ENT-24-QT	Template: DEFAULT	(Enterolert/QT)	Enterococci by Enterolert 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
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-F	Template: DEFAULT	(SM 4500-F- C-2011)	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-2015)	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

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
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0)	Turbidity in aqueous matrices
W-F	Template: DEFAULT	(SM 4500-F- C-2011)	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
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
ENT-24-QT	Template: DEFAULT	(Enterolert/QT)	Enterococci by Enterolert 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
Bottle Type: P-500ML		Number of Bottles: 1	Preserved With: HNO3
W-ICP	Template: SMP-MARINE	(EPA 200.7 Rev. 4.4)	Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
		Calcium	
		Iron	
		Magnesium	
		Strontium	
		Tin	
		Titanium	
		Vanadium	

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-500ML		Number of Bottles: 1	Preserved With: HNO3
W-ICP	Template: SMP-MARINE	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects	
Zinc			
W-ICPMS	Template: SMP-MARINE	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects	
*Strontium			
Aluminum			
Antimony			
Arsenic			
Beryllium			
Cadmium			
Chromium			
Cobalt			
Copper			
Lead			
Manganese			
Molybdenum			
Nickel			
Selenium			
Silver			
Thallium			
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	

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