

Login Checklist

RQ- 2022-01-10-19

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 1/14/22 @ 12:04

*Cooler Temperature	Samples Frozen? YES	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
		HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
<u>1.0</u>				<u>15</u>		<u>✓</u>			<u>5225 5540 9430</u>

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: HK

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: JA

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

Yes _____ No _____ NA ✓ Init: HK

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

Coolers Unpacked/Checked by: HK/JA

Date: 1/14/22

Event contains NCRs (Y/N)? N

Event ID: Run 5
CEN-DIST-2022-01-14-01 (SMP)

Date Received: 14-JAN-2022 12:04

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5 EXP:10-19-22
pH Test Strips 0 – 6	Lot#210620 EXP:4-15-23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#210620 EXP:4-15-23
Chlorine Test Strips	Lot#0070 EXP:2-23

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# _____

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: 1/13/2022
Customer: CEN-DIST
RQ: RQ-2022-01-10-19
Collected By: Leif Boman, Terry Riordan
Sampling Agency: FDEP
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
Florence Lake @ Center	 G3CE0012

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 1/13/2022
1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: *HK*

Rec'd/Inspected

Date: 1.14.22 / 1204

										RQ-2022-01-10-19										Collected By: Leif Boman, Terry Riordan									
Customer: FDEP										Field Report Prepared by: Leif Boman, Terry Riordan																			
Project ID: SMP										Sampling Agency: FDEP																			
WIN ID/Field ID: 										Comments:																			
WIN ID/Field ID: G3CE0012																													
Location: Location: Florence Lake @ Center																													
Matrix: Fresh															(Check One) ☒ Grab ☐ Composite														
Date and Time {EST}			DO (mg/L)		DO (%SAT)		Temp. ©		pH		Sample Depth (m)		Secchi Depth		Total Depth (m)		Sp COND (µmhos /cm)		Salinity (PPT)										
1/13/2022 1128			8.48		92.8		19.6		7.32		0.3		0.5		0.8		1505		0.76										
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 # SA1105060 Exp: 4/30/2022																										
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 # 17135566 Syringe Lot # 1112035																										
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-C / W-COLOR / W-SO4-C / 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 Formalin Lot #										Formalin																
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 MCAA Exp. MCAA Lot#																
			W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) W-CT-CL-R																										
Phytoplankton			X DTY-QN-C X PKD-QN-BV										X Ice		1		B												

Date of Request: 14-DEC-2021
 Created By: BEARDEN_M On: 14-DEC-2021
 Modified By: SWANSON_C On: 29-DEC-2021
 Customer: CEN-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Central District
 Event Description: Run 5

Send Coolers To:

Phone: 407-897-4123
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Matthew Bearden
 Cooler Ship EMail: matthew.bearden@floridadep.gov

Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 27-DEC-2021
 Biology Request Reviewed By: SWANSON_C On: 29-DEC-2021
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 14-JAN-2022
 Logged In By:

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Matthew Bearden
 Report Notification EMail:
 matthew.bearden@floridadep.gov; victoria.schwartz@floridadep.gov

Comments: Built in-house

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 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	(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-SO ₄ -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 B 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 H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (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 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	(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-SO ₄ -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: BP-1L		Number of Bottles: 1	Preserved With: Lugols
DTY-QN-C	Template: DEFAULT	(SOP-AB05_1)	No. of diatom taxa of quantitative phytoplankton sample.
PKD-QN-BV	Template: DEFAULT	(SOP-AB05)	No. of wet taxa of quantitative phytoplankton sample w/speciation and cell counts.
Bottle Type: P-500ML		Number of Bottles: 1	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0)	Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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

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