

Klug, Kyle

From: Klug, Kyle
Sent: Tuesday, July 2, 2019 11:53 AM
To: Snorek, Gary; Wolfe, Kirby; Conley, Stephen (Chase)
Cc: Watts, John; Ayres, Joshua
Subject: RQ-2019-07-01-12 | Preservatives

Importance: High

Good morning,

It appears the PO4 container was preserved with sulfuric acid instead of the DOC container for site G3SD0128. We are going to switch the labels during log in so the preserved PO4 container is treated as the DOC sample and the unpreserved DOC container is treated as the PO4 sample.

Thank you,



Kyle Klug
Lab Technician IV
DEP Laboratories
Voice: 850.245.8153
Kyle.Klug@floridadep.gov

Log-in Checklist

RQ- 2019-07-01-12

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 7/ 2 /19 @ 9:50

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
2.4				18		✓			4751 8780 7170

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation. An NCR still is required.**

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No ✓

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No ✓ If yes, is it intact? Yes No

**Caps on tight? Yes ✓ No **Containers intact? Yes ✓ No

**Sufficient Sample Volume: Yes ✓ No

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes No ✓ Init: KK

Chlorine detected? (One container checked per Field ID)

Yes No Init:

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No NA Init: KK

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No NA ✓ Init: KK

Coolers Unpacked/Checked by: Date: 7/ 2 /19

NCRs (Y/N)? Y

Event ID: Caloosa Creeks
SO-DIST-2019-07-02-02 (BMAP)
 Date Received: 02-JUL-2019 09:50

NCR # 7758

Log-in Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle TestID(s)	pH	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle TestID(s)

Bottles Not Intact

Field ID	Bottle TestID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle TestID(s)	Action Taken

Infrared Thermometer ID:	
pH Test Strips 0 – 6 Lot #	
pH Paper 0 – 3 Lot #	220416A EXP:7/30/20
pH Paper 0 – 13 Lot #	222516 EXP:9/15/19
Chlorine Test Strips Lot #	091417V EXP:9/2021

Additional Comments:

Wrong container was preserved, labels switched to correct container

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No _____

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ If No _____

no, were samples shipped on dry ice? Yes _____ No _____

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

Central Laboratory Submittal Form

Caloosa Creeks

Customer: SO-DIST

Requester: Gary Snorek

Field Report Prepared By: Gary Snorek

Project ID: BMAP

Collected By: Maryann Dungan

Sampling Agency: 8052 SROC

Lr	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/1/19 Time 1220	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)	
F	Location	G3SD0129 	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 4.62	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
W	Telegraph Creek	Temp (C) 27.1	pH 6.96	Sample Depth 0.3	☒ ft ☒ m	Sp. Conductance (umho/cm) 275.5			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.13	Comments				
Lr	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/1/19 Time 1300	Eastern Central	Composite end Date	Time	Bottle Group(s)	
F	Location	G3SD0128 	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.86	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
W	Orange River	Temp (C) 31.0	pH 7.52	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 622			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.30	Comments				
Lr	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/1/19 Time 13:45	Eastern Central	Composite end Date	Time	Bottle Group(s)	
F	Location	G3SD0130 	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.28	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
W	Hancock Creek	Temp (C) 29.9	pH 7.44	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 246.6 246.5			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 1.26	Comments				
Location			☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #			Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				

Relinquished By: Gary Snorek	Date/Time 7/1/19 1400	Shipping Method Fedex	Number of Coolers Shipped: 1	Received By: KK	Date/Time 7.2.19 / 9:50
---------------------------------	--------------------------	--------------------------	---------------------------------	--------------------	----------------------------

* Collection time taken from bottle

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY W-COLOR W-F W-TSS						
Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	BOD-UNIN						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	3
	W-DOC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3
	W-PO4-F						

Date of Request: 21-MAY-2019
 Created By: SNOREK_G On: 21-MAY-2019
 Modified By: JASROTIA_P On: 10-JUN-2019
 Customer: SO-DIST
 Project: BMAP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: Caloosa Creeks

Send Coolers To:

Phone: 239-344-5683
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Gary Snorek

Program Module Number:

Priority: 3

Event Status: S

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS_J On: 10-JUN-2019

Biology Request Reviewed By: JASROTIA_P On: 10-JUN-2019

Sampling Kit Required: YES Ship on: 21-JUN-2019

Sampling Kit Shipped: YES On: 18-JUN-2019

Sampling Kit Packed By: REAVES_S

Preservatives Needed: NO

Date to Receive Samples: 01-JUL-2019

Received By:

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Gary Snorek

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments: caloosa creeks sampling

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-125ML	Number of Bottles: 3	Preserved With: FILTER-H2SO4-ICE
W-DOC	Template: DEFAULT	(SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 3	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-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 3	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