

Klug, Kyle

From: Parrish, Jeremy M.
Sent: Thursday, November 15, 2018 8:16 AM
To: Ayres, Joshua
Cc: Watts, John; Klug, Kyle
Subject: RE: Unpreserved W-NH3

Hi Joshua,
Per our coordinator, Curtis M., if we collect this one bottle(Nutrients), and submit, it would satisfy the requirements, as a resample within two days.
We will proceed with submitting the one bottle.

Jeremy

From: Ayres, Joshua
Sent: Thursday, November 15, 2018 8:13 AM
To: Parrish, Jeremy M. <Jeremy.M.Parrish@dep.state.fl.us>
Cc: Watts, John <John.Watts@FloridaDEP.gov>; Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Subject: RE: Unpreserved W-NH3

Jeremy –

It would recommend that you take the qualified data for the preserved nutrient test; otherwise you'd have to recollect all containers for **Santa Fe River @ CR 225/1475** including overflow micro.



Environmental Specialist II
DEP Laboratories
Voice: 850.245.8206
joshua.Ayres@dep.state.fl.us

From: Parrish, Jeremy M. <Jeremy.M.Parrish@dep.state.fl.us>
Sent: Wednesday, November 14, 2018 3:23 PM
To: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Cc: Watts, John <John.Watts@FloridaDEP.gov>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: RE: Unpreserved W-NH3

If we send one bottle tomorrow, replacing that one bottle, can you amend the rq with a new submitted sample, with our submitted coc?

Jeremy

From: Klug, Kyle
Sent: Wednesday, November 14, 2018 1:14 PM

To: Parrish, Jeremy M. <Jeremy.M.Parrish@dep.state.fl.us>; Kalmbacher, Amy <Amy.Kalmbacher@dep.state.fl.us>;
Davis, Brian G. <Brian.G.Davis@dep.state.fl.us>
Cc: Watts, John <John.Watts@FloridaDEP.gov>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: RE: Unpreserved W-NH3

RQ-2018-11-12-12

Included is a copy of the event file to reference.

From: Klug, Kyle
Sent: Wednesday, November 14, 2018 1:04 PM
To: Parrish, Jeremy M. <Jeremy.M.Parrish@dep.state.fl.us>; Kalmbacher, Amy <Amy.Kalmbacher@dep.state.fl.us>;
Davis, Brian G. <Brian.G.Davis@dep.state.fl.us>
Cc: Watts, John <John.Watts@FloridaDEP.gov>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: Unpreserved W-NH3
Importance: High

Good afternoon,

We received a sample today that was not preserved to <4 pH. Sample was preserved with sulfuric acid in lad, the data will be qualified.

Field ID: 20030115.

Thank you,

Kyle Klug
Florida DEP Labs
Kyle.Klug@floridadep.gov
Direct: 58153

Log-in Checklist

RQ- 2018-11-12-12

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11-14-18 @ 10:15

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
				Present?		*Intact?		
	HNO ₃	Formalin		Yes	No	Yes	No	
1.2		✓	6		✓			7385 5035 1274

* 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), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form.

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

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

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No Date 11-14-18

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

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		

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: KK Date: 11-14-18 NCRs (Y/N)? Y

Event ID: SCI Santa Fe
NE-DIST-2018-11-14-01 (SMP)
 Date Received: 14-NOV-2018 10:

NCR # 7323

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken
20030115	W-N02N03 W-NH3	79	Preserved with Sulfuric Acid in lab 11-14-18 @ 12:32 Lot # SA8085170 Exp: 3/26/19

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

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

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Additional Comments:

Infrared Thermometer ID:	REC_05_2018
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	222516EXP:09/15/2019
Chlorine Test Strips Lot #	091417V EXP:09/2021

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: _____

Request Number: RQ-2018-11-12-12

SCI Santa Fe

Florida Department of Environmental Protection Central Laboratory Submittal Form

Page 1 of 2

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. ParrishField Report Prepared By: A. KalmbacherCollected By: B. DavisSampling Agency: FDEP/NE ROC

WIN / Field ID:



20030115

Santa Fe River @ CR 225 / 1475

☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>11-13-2018</u> Time <u>1110</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) A
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>7.1</u> ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) <u>20.0</u>	pH <u>7.15</u>	Sample Depth <u>0.15</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>105</u>	
Salinity (ppt) <u>0.05</u> Comments				

Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms					
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			
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			
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			
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: <u>[Signature]</u>	Date/Time <u>11-13-2018</u>	Shipping Method <u>Fed Ex</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>KH</u>	Date/Time <u>11-14-18 10:15</u>
-------------------------------------	--------------------------------	----------------------------------	--	------------------------	------------------------------------

1600

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 Sent to contract lab
	NE-ALS-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: B	Bottle Type:	PJ-2L	# of Bottles: 4 2	Preservative:	Formalin	Enter Number of Bottles Sent to Lab	2
	MI-FW-QLDC						



SR#

CAS Contract

Project Name Santa Fe R SCI		Project Number RQ2018-11-12-12		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																					
Project Manager Jeremy Parrish		Email Address Dep.Overflowmicro@dep.state		PRESERVATIVE 8																					
Company/Address FDEP		FL-05		NUMBER OF CONTAINERS E. Coli												PRESERVATIVE KEY 0. NONE 1. HCL 2. HNO3 3. H2SO4 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO4 8. Other ICE									
8800 Baymeadows Way W STE 100																									
Jacksonville, FL 32256																									
Phone # 904-256-1700																									
FAX #		SAMPLER'S SIGNATURE Amy Kalmbacher		SAMPLER'S PRINTED NAME Amy Kalmbacher		REMARKS/ ALTERNATE DESCRIPTION																			
CLIENT SAMPLE ID 20030115		LAB ID		SAMPLING DATE 11-13-18		TIME 1110		MATRIX SW																	
SPECIAL INSTRUCTIONS/COMMENTS 1.3°C														TURNAROUND REQUIREMENTS ☐ RUSH (SURCHARGES APPLY) ☐ STANDARD REQUESTED FAX DATE REQUESTED REPORT DATE				REPORT REQUIREMENTS ☐ I. Results Only ☐ II. Results + QC Summaries (LCS, DUP, MS/MSD as required) ☐ III. Results + QC and Calibration Summaries ☐ IV. Data Validation Report with Raw Data ☐ V. Specialized Forms / Custom Report Edata ☐ Yes ☐ No				INVOICE INFORMATION PO # BILL TO:			
SAMPLE RECEIPT: CONDITION/COOLER TEMP:														CUSTODY SEALS: Y N											
RELINQUISHED BY				RECEIVED BY				RELINQUISHED BY				RECEIVED BY													
Signature				Signature				Signature				Signature													
Printed Name				Printed Name				Printed Name				Printed Name													
Firm				Firm				Firm				Firm													
Date/Time				Date/Time				Date/Time				Date/Time													
11/13/2018 1530				11.13.18 / 1530																					
Distribution: White - Return to Originator; Yellow - Retained by Client																									

Date of Request: 26-SEP-2018
 Created By: PARRISH_J On: 26-SEP-2018
 Modified By: SWANSON_C On: 23-OCT-2018
 Customer: NE-DIST
 Project: SMP
 Division:
 District: Northeast District
 Sampling Event: SCI Santa Fe

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way West

 Jacksonville, FL 32256-7577
 Attn: Jeremy Parrish

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 22-OCT-2018
 Biology Request Reviewed By: SWANSON_C On: 23-OCT-2018
 Sampling Kit Required: YES Ship on: 02-NOV-2018
 Sampling Kit Shipped: YES On: 29-OCT-2018
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 12-NOV-2018
 Received By: KLUG_K On: 14-NOV-2018

Send Final Report To:

8800 Baymeadows Way West

 Jacksonville, FL 32256-7577
 Attn: Jeremy Parrish

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments:

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) 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	(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-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-250ML-WI-THI	Number of Bottles: 2	Preserved With: ICE
NE-ALS-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville

Bottle Type: P-500ML	Number of Bottles: 2	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: 2	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 Group B (Biological) With 2 Samples:

Bottle Type: PJ-2L	Number of Bottles: 4	Preserved With: Formalin
MI-FW-QLDC	Template: DEFAULT	(SOP-IZ06) No. Taxa of FW macroinverts, qual samp, 20 dipnets.

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