

Reynolds, Tyler

From: Ayres, Joshua
Sent: Friday, October 06, 2017 1:28 PM
To: Watts, John
Cc: Reynolds, Tyler
Subject: FW: RQ-201710-02-40

John - How do we proceed from here without parameter, leave them blank?



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

From: Mulkey, Nathan
Sent: Friday, October 6, 2017 13:19
To: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: FW: RQ-201710-02-40

From: Mulkey, Nathan
Sent: Friday, October 06, 2017 12:19 PM
To: Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>
Subject: RE: RQ-201710-02-40

I don't currently have access to submittal sheets. Here is some associated info.

G4NW0380: Bear Creek @ Forest Road Time: 1130CST

G4NW0292: Sweetwater Creek @ Sandy Landing Road Time: 1045CST

From: Reynolds, Tyler
Sent: Friday, October 06, 2017 11:32 AM
To: Mulkey, Nathan <Nathan.Mulkey@dep.state.fl.us>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: RQ-201710-02-40
Importance: High

FIELD IDs RECEIVED

G4NW0380
G4NW0292

Please send submittal forms ASAP. So I can finish logging these samples in. Thanks.



TYLER REYNOLDS

Laboratory Tech IV

Florida Department of Environmental Protection

Voice: 850.345.8332

Tyler.Reynolds@dep.state.fl.us

Request Number: RQ-2017-10-02-40

Baker Run West WBID 179 19 21 24C 271

Florida Department of Environmental Protection Central Laboratory Submittal Form

Page 1 of 3

last revised Apr 7, 2016

Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Field Report Prepared By: *N. Maly*Collected By: *Nathan Maly / Stephen Stadel*Sampling Agency: *NWROC*

Location	Location: Big Juniper Creek 300 yds S of Indian Ford Road on path	G4NW0418 Field ID STORET G4NW0418	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>10/5/17</i> Time <i>1000</i>	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	RQ-2017-10-02-40 (WBID 19) Date:		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <i>8.42</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<i>B</i>
STORE	Time: <i>1000</i> CDT		Temp (C) <i>20.87</i>	pH <i>5.76</i>	Sample Depth <i>0.2</i>	Sp. Conductance (umho/cm) <i>19</i>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Location: Blackwater R. abv Bryant Bridge Rd. Boat Ramp	G4NW0413 Field ID STORET G4NW0413	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>10/5/17</i> Time <i>1025</i>	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2017-10-02-40 (WBID 24C) Date:		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <i>8.33</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<i>A</i>
STORE	Time: <i>1025</i> CDT		Temp (C) <i>20.82</i>	pH <i>5.95</i>	Sample Depth <i>0.2</i>	Sp. Conductance (umho/cm) <i>24</i>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Location: Ates Creek NE of Bryant Bridge Road abv Blackwater R.	G4NW0332 Field ID STORET G4NW0332	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>10/5/17</i> Time <i>1035</i>	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2017-10-02-40 (WBID 271) Date:		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <i>8.01</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<i>B</i>
STORE #	Time: <i>1035</i> CDT		Temp (C) <i>21.61</i>	pH <i>6.51</i>	Sample Depth <i>0.2</i>	Sp. Conductance (umho/cm) <i>32</i>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Location: Sweetwater Creek @ Sandy Landing Road	G4NW0292 Field ID STORET G4NW0292	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>10/5/17</i> Time <i>1045</i>	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2017-10-02-40 (WBID 21) Date:		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <i>8.34</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<i>B</i>
STORET #	Time: <i>1045</i> CDT		Temp (C) <i>21.01</i>	pH <i>5.90</i>	Sample Depth <i>0.2</i>	Sp. Conductance (umho/cm) <i>19</i>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: <i>[Signature]</i>	Date/Time <i>10/5/17</i>	Shipping Method <i>Fed Ex</i>	Number of Coolers Shipped: <i>2</i>	Received By: <i>Tyler R</i>	Date/Time <i>10/06/17</i>
-------------------------------------	-----------------------------	----------------------------------	--	-----------------------------	------------------------------

10:10

Group: B Bottle Type: P-500ML # of Bottles: 4 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: B Bottle Type: P-125ML # of Bottles: 4 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 3

W-PO4-F

Request Number: RQ-2017-10-02-40

Baker Run West WBID 179 19 21 24C 271

Florida Department of Environmental Protection Central Laboratory Submittal Form

Page 1 of 3

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	Location: Bear Creek on a forest road		G4NW0380 Field ID STORET G4NW0380		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/5/17 Time 1130	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)	
Field ID	RQ-2017-10-02-40 (WBID 179) Date: Time: 1130 CDT				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.95	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B	
STORET #					Temp (C) 22.09	pH 6.44	Sample Depth 0.2	Sp. Conductance (umho/cm) 22		
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)		
STORET #					Temp (C)	pH	Sample Depth	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)		
STORET #					Temp (C)	pH	Sample Depth	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)		
STORET #					Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Relinquished By: *[Signature]* Date/Time: 10/5/17 Shipping Method: Fed Ex Number of Coolers Shipped: 2 Received By: Tyler R. Date/Time: 10/06/17 @ 10:10

Group: B	Bottle Type:	P-500ML	# of Bottles: 4	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 4	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	
	W-PO4-F					

Date of Request: 14-SEP-2017
 Created By: KING_M On: 14-SEP-2017
 Modified By: SWANSON_C On: 18-SEP-2017
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Baker Run West WBID 179 19 21 24C 271

Send Coolers To:

Phone: SC-595-0605
 160 W Government St
 Suite 208A
 Pensacola, FL 32502-5794
 Attn: Michael King

Program Module Number: 1306
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WHITE_R On: 15-SEP-2017
 Biology Request Reviewed By: SWANSON_C On: 18-SEP-2017
 Sampling Kit Required: YES Ship on: 20-SEP-2017
 Sampling Kit Shipped: YES On: 20-SEP-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 02-OCT-2017
 Received By:

Send Final Report To:

160 W Government St
 Suite 208A
 Pensacola, FL 32502-5794
 Attn: Michael King

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

Comments: Group A: Freshwater Kit with metals
 Group B: Freshwater Kit

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	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
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-500ML	Number of Bottles: 1	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Chromium		
Iron		
Magnesium		
Nickel		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Copper		
Lead		
Silver		

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-00) 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 Group B (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	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
Bottle Type: BP-1L	Number of Bottles: 4	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 4	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: 4	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

Log-in Checklist

RQ- 2017-10-02-40

Shipping Method: FedEx

Date/Time of Receipt: 10/6/17 10:10

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
Blue	2.0C	8		✓			8119 3904 0464

*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 ✓ CS

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 (Blue dot on container)

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-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R			W-CT-CI-R		

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

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

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

Coolers Unpacked/Checked by: CS Date: 10/6/17 NCRs (Y/N)? Y

Event ID: NW-OIST-2017-10-06-02 NCR # 6676

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken
64NW0292	W-NH3 W-NO2 NO3 W-S-A-TP	pH	NCR report, preserved in lab

with
sulfuric
Acid
10/6/17
11:11a

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

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 _____ No _____

If 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: _____

Additional Comments: