

Shaik, Amzad

From: King, Michael
Sent: Thursday, July 14, 2016 11:53
To: Watts, John; Shaik, Amzad
Cc: Lomasney, Anna; Bowden, Magan; Kitchen, Shawn; Lashley, Connor; Storbeck, Julia
Subject: RE: RQ-2016-07-04-34

Update: The Field ID for the unfiltered sample was G3NW0077 not G3NW0078. Thanks for catching that Amzad.

From: Watts, John
Sent: Thursday, July 14, 2016 7:12 AM
To: King, Michael; Shaik, Amzad
Cc: Lomasney, Anna; Bowden, Magan; Kitchen, Shawn; Lashley, Connor; Storbeck, Julia
Subject: RE: RQ-2016-07-04-34

RQ-2016-07-04-34

Unfiltered PO4 sample alert.

John Watts
Florida DEP Labs
Scientific Support Section
Voice: 850-245-8077
Direct: 58077

From: King, Michael
Sent: Wednesday, July 13, 2016 5:45 PM
To: Watts, John <John.Watts@dep.state.fl.us>
Subject: RQ-2016-07-04-34

John,

We had an issue with some filters this sampling trip and one sample, Field ID G3NW0078, was unfiltered. We forgot to put it down in the comments but did write it on the bottle. Please run with appropriate flag. Do you filter those at the lab?

Michael A. King
Environmental Specialist II – NW ROC
Florida Department of Environmental Protection
(850) 595-0605

Please take a few minutes to share your comments on the service you received from the department by taking the DEP Customer Survey.

1815993

WBID 204A 283 61A

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

F. BUTERA

Project ID: SMP

Collected By:

F. BUTERA M. KING

Sampling Agency:

DEP - NW ROC

Location	Location: Juniper Lake	G3NW0119	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-13-2016 Time 10:50	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID	NE of Defuniak	Field ID ↑	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
STORET #	RQ-2016-07-04-34(WBID 283) Date: 7-13-2016 Time: 10:50 CST	STORET ↓ 32020113	Temp (C) 30.3	pH 5.4	Sample Depth 0.3	Sp. Conductance (umho/cm) 25		
Latitude			Salinity (ppt) 0.0	Comments				
Location	Location: Juniper Lake	FIELD BLANK	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-13-2016 Time 11:05	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID		Field ID ↑	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
STORET #	RQ-2016-07-04-34 Date: 7-13-2016 Time: 11:05 CST		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Latitude			Salinity (ppt)	Comments				
Location	Location: Blue Pond	G3NW0070	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-13-2016 Time 12:44	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	Center	Field ID ↑	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
STORET #	RQ-2016-07-04-34(WBID 204A) Date: Time: CST	STORET ↓ 32020109	Temp (C) 31.3	pH 4.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 16		
Latitude			Salinity (ppt) 0.0	Comments				
Location	Location: Blue Pond Center	G3NW0070 DUPLICATE	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-13-2016 Time 12:45	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID		Field ID ↑	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
STORET #	RQ-2016-07-04-34(WBID 204A) Date: Time: CST	STORET ↓ 32020109	Temp (C) 31.3	pH 4.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 16		
Latitude			Salinity (ppt) 0.0	Comments				

Relinquished By:

F. BUTERA

Date/Time

7-13-2016/16:00

Shipping Method

Fed Ex

Number of Coolers Shipped:

1

Received By:

F. BUTERA

Date/Time

7-14-2016/10:10

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						

Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
	CHLSUITE-W						

Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>4</u>
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						

Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>4</u>
	W-PO4-F						

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: F.B.

Project ID: SMP

Collected By: Mike King, Frank Butera

Sampling Agency: NWROC

Location	Location: Sand Hammock Pond Center		G3NW0077 Field ID STORET 32010038		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-13-2016 Time 13:40	Eastern ☒ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	RQ-2016-07-04-34(WBID 61A)				Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 4.6	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #	Date: CST Time:				Temp (C) 30.5	pH 5.7	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 23
Latitude	☐ dd ☐ dms		☐ dd ☐ dms		Salinity (ppt) 0	Comments Sample P4 F. not Filtered. 7-14-16			
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	☐ 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)
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)
STORET #					Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)	Comments			

Relinquished By: F. Butera	Date/Time 7-13-2016/16:00	Shipping Method Fed Ex	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time 7-14-16/10:10
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-PO4-F						

Printed: 7/14/2016 14:56:01

Page 1 of 1

Date of Request: 14-JUN-2016
 Created By: KING_M On: 14-JUN-2016
 Modified By: MATTHEWS_D On: 20-JUN-2016
 Customer: NW-DIST
 Project: SMP
 Division:
 District: Northwest District
 Sampling Event: WBID 204A 283 61A

Send Coolers To:

Phone: SC-695-8300
 160 W Government st
 Suite 208A
 Pensacola, FL 32502-5794
 Attn: Michael King

Program Module Number: 1306
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 17-JUN-2016
 Biology Request Reviewed By: MATTHEWS_D On: 20-JUN-2016
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 04-JUL-2016
 Received By: SHAIK_A On: 14-JUL-2016

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:

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 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) 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-SO ₄ -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: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 3	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-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 3	Preserved With: ICE-FLTR
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

RQ- 2016-07-14-34

Log-in Checklist

Shipping Method: Fed ExDate/Time of Receipt: 07-14-16/10:10

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	
Red	1.7C	20		✓			8099 4719 5369

*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 ☐

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					

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: ADP

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

Coolers Unpacked/Checked by: ADP Date: 7-14-16 NCRs (Y/N)? Yes

Event ID: WBID 204A 283 61A NCR # 5943
-NW-DIST-2016-07-14-01 (SMP)

Date Received: 14-JUL-2016 10:10

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

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: