

Watts, John

From: Wolfe, Kirby
Sent: Thursday, July 13, 2017 10:38 AM
To: Watts, John; Wright, Colin
Cc: Kaus, Peter; Ayres, Joshua; Paswater, Benjamin
Subject: RE: SO-DIST-2017-06-15-01 Nitric Acid Preservation

Hi,
Please do not run any of the samples that would be Y qualified.

Thanks,
Kirby

From: Watts, John
Sent: Thursday, July 13, 2017 9:41 AM
To: Wright, Colin <Colin.Wright@dep.state.fl.us>; Wolfe, Kirby <Kirby.Wolfe@dep.state.fl.us>
Cc: Kaus, Peter <Peter.Kaus@dep.state.fl.us>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: RE: SO-DIST-2017-06-15-01 Nitric Acid Preservation

Kirby did you have any more decisions on the affected samples I sent you yesterday?

Colin, we thought that the metals had been preserved with sulfuric, but that ended up not being the case.

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

From: Wright, Colin
Sent: Thursday, July 13, 2017 9:30 AM
To: Watts, John <John.Watts@dep.state.fl.us>
Cc: Kaus, Peter <Peter.Kaus@dep.state.fl.us>
Subject: FW: SO-DIST-2017-06-15-01 Nitric Acid Preservation

This event is due today. Did we ever hear back from the customer on whether they want cancellation or qualification? If not, I'm going to go ahead and certify as is.
Colin

From: Watts, John
Sent: Monday, July 10, 2017 8:42 AM
To: Murphy, Rosemary <Rosemary.Murphy@dep.state.fl.us>; Conley, Stephen (Chase) <Stephen.C.Conley@dep.state.fl.us>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>; Kaus, Peter <Peter.Kaus@dep.state.fl.us>; Wright, Colin <Colin.Wright@dep.state.fl.us>
Subject: RE: SO-DIST-2017-06-15-01 Nitric Acid Preservation

The metals container for that sample may have preserved with sulfuric. Checking on that.

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

From: Watts, John
Sent: Monday, July 10, 2017 8:22 AM
To: Murphy, Rosemary <Rosemary.Murphy@dep.state.fl.us>; Conley, Stephen (Chase) <Stephen.C.Conley@dep.state.fl.us>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>; Kaus, Peter <Peter.Kaus@dep.state.fl.us>; Wright, Colin <Colin.Wright@dep.state.fl.us>
Subject: FW: SO-DIST-2017-06-15-01 Nitric Acid Preservation

Rosemary/Chase:

Please see the below regarding incorrect preservation of nutrients bottle. This appears to be 8079@ENRG3 S of Stock Island. Please let us know how to proceed.

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

From: Kaus, Peter
Sent: Friday, July 07, 2017 4:23 PM
To: Watts, John <John.Watts@dep.state.fl.us>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Cc: Wright, Colin <Colin.Wright@dep.state.fl.us>
Subject: SO-DIST-2017-06-15-01 Nitric Acid Preservation

John,

Sample 1906551 has been preserved with nitric acid, can you reach out to the customer and see if they want to **cancel the tests or qualify**. NO2NO3 and TKN will get an O result and the rest of the acidified test will be Y qualified for incorrect preservation.

Thanks,
Peter

Reynolds, Tyler

From: Ayres, Joshua
Sent: Friday, June 30, 2017 8:35 AM
To: Greenwood, Jhamieka; Reaves, Shawn D; Reynolds, Tyler; Shaik, Amzad
Subject: FW: Sampling 6/29 oops notes

Importance: High

Heads up. See thread below.



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

From: Watts, John
Sent: Friday, June 30, 2017 08:08
To: Runge, Veronica <Veronica.Runge@dep.state.fl.us>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Cc: Murphy, Rosemary <Rosemary.Murphy@dep.state.fl.us>
Subject: Re: Sampling 6/29 oops notes

Thanks Veronica for the heads up. Alligator wow.

Josh please notify login staff.

John
Sent using OWA for iPhone

From: Runge, Veronica
Sent: Thursday, June 29, 2017 5:14:31 PM
To: Watts, John
Cc: Murphy, Rosemary
Subject: Sampling 6/29 oops notes

Hi John Watts,

I wanted to let you know that we lost a Chlorophyll bottle to an alligator at Myrtle Slough @ Culvurt Under Pine Island St. (STORET: 25020641FTM). We replaced the bottle with an extra we had in the car and forgot to change the RQ on the bottle. The RQ for this run is RQ-2017-07-17-07 and the site is listed above.

We did the SMP Peace River Streams sites with the Shell Creek Special Project (RQ-2017-07-10-31) today, and switched the custody sheets by accident in the coolers. We didn't have enough tape to fix the issue when we realized it. We are so sorry.

-Veronica

Veronica Runge

2

SMP: Peace River Streams

last revised Apr 7, 2016

Central Laboratory Submittal Form

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: Rosemary Murphy

Project ID: SMP

Collected By: Rosemary Murphy, Veronica Ringe

Sampling Agency: SRAC

Location	RQ-2017-07-17-07 6/29/2017	G3SD062917-1	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/29/17 Time 0900	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	WBID 2040	Myrtle Slough @ SR31	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 2.5 mg/L	☒ % sat	Total Res. Chlorine (mg/L)	C
STORET			Temp (C) 27.0	pH 7.2	Sample Depth 0.3	Sp. Conductance (umho/cm) 607	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	RQ-2017-07-17-07 6/29/2017	G3SD062917-2	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/29/17 Time 1225	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	WBID 1995	Myrtle 1995 @ Pine Island St.	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 0.3 mg/L	☒ % sat	Total Res. Chlorine (mg/L)	C
STORET			Temp (C) 28	pH 6.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 408	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	RQ-2017-07-17-07 6/29/2017	G3SD062917-3	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/29/17 Time 0050	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	WBID 2001	Hog Bay @ CR 763	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 1.9 mg/L	☒ % sat	Total Res. Chlorine (mg/L)	A
STORET #			Temp (C) 26.8	pH 6.7	Sample Depth 0.3	Sp. Conductance (umho/cm) 720	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	RQ-2017-07-17-07 6/29/2017	G3SD062917-4	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/29/17 Time 1410	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	WBID 2041	Shell Cr. @ SR 31	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 5.4 mg/L	☒ % sat	Total Res. Chlorine (mg/L)	C
STORET			Temp (C) 28.9	pH 7.3	Sample Depth 0.3	Sp. Conductance (umho/cm) 603	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: BM

Date/Time 6/29/17

Shipping Method UPS

Number of Coolers Shipped: 2

Received By: Tyler R.

Date/Time 07/03/17 @ 9:15a



CHAIN OF CUSTODY RECORD

Project #
(Lab Use Only)

1706774

Project Name: dep - overflow micro

SMP: Peace River Streams

Project Location: Sarasota

Customer Type:

Kit #:

Requested Due Date: 7.14.17

Client

FDEP

Address

2600 Blair Stone Rd.
Tallahassee, FL 32399

Phone

850-245-8085

Fax

Report To: dep - overflow microBill to: Carina TullP.O. # Lab #039Preservative: HCL = H, HNO₃ = N, Na₂S₂O₃ = STH₂SO₄ = S, NaOH = SH, NH₄Cl = NHSampled By (PRINT) Veronica RungeSampler Signature [Signature]

Sample

Preservatives

Matrix

Sample Description

Date

Time

Type

I

S

S

Sample ID #
(Lab Use Only)

Hawthorne CR @ Reynolds St.

6/29/17

1150

Grab

✓

✓

✓

Myrtle @ Pine Island St.

6/29/17

1225

Grab

✓

✓

✓

Hawthorne

STORET → G3SDC011

STORET → 25000641 PTM

Myrtle

Bottle Lot #

RQ-2017-07-17-07

Okay to Run
As Is...

Client Initial:

VR

Samples On

Yes No

Samples are Ambient
Water

E. Coli by Quanti Tray

Relinquished By/Affiliation

Date

Time

Accepted By/Affiliation

Date

Time

Veronica Runge

6/29

1519

Rosemary Murphy

6/29

1519

DEP

6/29

1519

DEP

6/29

1519

DEP

6/29

1519

DEP

6/29

1519

1050 Endeavor Ct, Nokomis, FL 34275-3623 (941) 488-8103 fax(941) 484-6774

10090 Bavaria Rd., Fort Myers, FL 33913 (239) 590-0337 fax (239) 590-0536
Form #: RCF -02 Approved by: KS 7/11/2016

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	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 _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	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 _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP					
	W-ICPMS					

SMP: Peace River Streams

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Veronica Runge
SRDC

Location RQ-2017-07-17-07 6/29/2017 WBID 2033 Bobcat Creek in Preserve East	G3SD062917-5 Field ID STORET PEACRV0012FTM	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/29/17 Time 1040	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 4.1 mg/L	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
STORET #		Temp (C) 28.7	pH 6.6	Sample Depth 0.3	Sp. Conductance (umho/cm) 157	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments			
Location RQ-2017-07-17-07 6/29/2017 WBID 2028 2028 Site 1	G3SD062917-6 Field ID STORET 25020578FTM	☐ 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) ☐ dd ☐ dms	Comments NO Flow - Did not sample			
Location RQ-2017-07-17-07 6/29/2017 WBID 1997 Hawthorne Creek @ Reynolds St.	G3SD062917-7 Field ID STORET G3SD0011	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/29/17 Time 11:50	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 5.1 mg/L	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	Ecoli MT only
STORET #		Temp (C) 26.1	pH 6.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 524	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms	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) ☐ dd ☐ dms	Comments			

Relinquished By: [Signature]	Date/Time 6/29/17	Shipping Method UPS	Number of Coolers Shipped: 2	Received By: Tyler R.	Date/Time 07/03/17 @ 9:15
------------------------------	-------------------	---------------------	------------------------------	-----------------------	---------------------------

& collection time recorded on container. MR

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	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	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	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	2
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	CHLSUITE-W						
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	
	W-ICP W-ICPMS						

Group: B	Bottle Type:	P-500ML	# of Bottles: 3	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: 3	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F				
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>4</u>
	PCR-FILTER				
Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>2</u>
	SD-SND-ECQ				
Group: C	Bottle Type:	BG-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>2</u>
	W-AHERB-AA				
	W-SUC-AA-R				
	W-UHERB-AA				

Date of Request: 02-MAR-2017
 Created By: PASWATER_B On: 02-MAR-2017
 Modified By: MATTHEWS_D On: 22-JUN-2017
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: SMP: Peace River Streams

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Ben Paswater

Program Module Number:

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 21-JUN-2017
 Biology Request Reviewed By: MATTHEWS_D On: 22-JUN-2017
 Sampling Kit Required: YES Ship on: 23-JUN-2017
 Sampling Kit Shipped: YES On: 22-JUN-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: YES
 Date to Receive Samples: 17-JUL-2017
 Received By:

Send Final Report To:

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

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

Comments: 2017 SMP Kits A & C
 Group A: Freshwater Kit, No Metals
 Group B: Freshwater Kit With Metals
 and MT

1 - Case Sulfuric Acid

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

Bottle Group B (Water) With 3 Samples:

Bottle Type: P-1L Number of Bottles: 3 Preserved With: ICE

Bottle Group B (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: HNO ₃
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		
Copper		
Lead		
Silver		
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

Bottle Group C (Water) With 2 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 4	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type:	Number of Bottles: 2	Preserved With: ICE
SD-SND-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Sanders Laboratories for South District
Bottle Type: BG-1L	Number of Bottles: 2	Preserved With: ICE
W-AHERB-AA	Template: SFWMD	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

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

Log-in Checklist

RQ- 2017-07-17-07

Shipping Method: VPS

Date/Time of Receipt: 07/03/17 @ 9:15 am

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	21.3°C	18		✓			J4586463347
Red	26.0°C	11		✓			

*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			W-CT-CI-R		

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

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

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

Coolers Unpacked/Checked by: JP Date: 07/03/17 NCRs (Y/N)? Yes

Event ID: 50-DIST-2017-07-03-03 NCR # 6536

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: 8 4 PCR samples discarded due to collection date and time. Out of temp. range. *JK*