

Reaves, Shawn D

From: Bunch, Cheryl
Sent: Wednesday, October 16, 2019 9:28 AM
To: Reaves, Shawn D
Subject: RE: RQ-2019-09-09-23
Attachments: RQ-2019-09-09-23CORRECTION.pdf

Shawn,
They have switched two monitoring locations on the RQ.
Please see attached correct submittal field sheet for these two sites.
Thank you for your help.
Cheryl

From: Reaves, Shawn D
Sent: Wednesday, October 16, 2019 7:14 AM
To: Bunch, Cheryl <Cheryl.Bunch@dep.state.fl.us>
Subject: RQ-2019-09-09-23
Importance: High

Cheryl,

Can you verify the Diss. Oxygen for the %SAT?

Location	WIN ID/Field ID		☐ Comp	Collection (comp begin or grab)
Field ID		33020JF1	☒ Grab	Date 10-14-2019 Time
WIN/STC	Location		Matrix (type, e.g., Salt, Fresh, etc)	
Latitude	Bayou Chico at at W St. Bridge-Bottle Group A		Temp (C) 29.57	pH 8.21
Location	☐ dms		☐ dd	Salinity (ppt) 20.3
			☐ dms	Comments 2007 fish
			☐ Comp	Collection (comp begin or grab)

Thanks

Shawn D. Reaves
DEP-Lab Support
Environmental Specialist I
Office: 850-245-8082
Direct: 58082
Email: Shawn.Reaves@FloridaDEP.gov

Request Number: RQ-2019-09-09-23

Bayou Chico BMAP

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Page 1 of 2

last revised Jan 25, 2018

Customer: NW-DIST

Project ID: BMAP

Requester: Cheryl Bunch

Collected By: E.S.C. Co.

Field Report Prepared By:

Cheryl Bunch

Sampling Agency:

E.S.C. Co.

Location Bayou Chico at W Street		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10/14/19 Time 1400		Eastern Central	Composite end Date Time		Bottle Group(s) (See pg 2)
Field ID 33020 JF1		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.1		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 33020 JF1		Temp (C) 28.02		pH 7.41		Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 24696	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 15.3		Comments			
Location Bayou Chico at Navy Blvd. Bridge		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10/14/19 Time 1340		Eastern Central	Composite end Date Time		Bottle Group(s)
Field ID 33020 JE20		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 16.53		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 33020 JE20		Temp (C) 29.57		pH 8.21		Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 32001	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 20.3		Comments Recent Fish Kill / Algae bloom			
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:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
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RQ- 2019-09-09-23

Log-in Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 10/15/19 10:33am

Cooler Temperature*	Samples Frozen	* All Samples In Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
	YES	HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
2.9				12		✓			1190 3161 4919
2.2				9		✓			4151 8726 8915

* 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.**

****Note:** If "No" is checked below, fill out the back of this form (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 ☐

IM
10/15/19

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: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☐

Init: _____

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

Field ID	List Test ID(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: IM

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

Init: IM

Coolers Unpacked/Checked by: IM

Date: 10/15/19

NCRs (Y/N)? N

Event ID: Bayou Chico BMAP
NW-DIST-2019-10-15-02 (BMAP)
Date Received: 15-OCT-2019 10:33

NCR # _____

Log-in Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	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

Infrared Thermometer ID:	REC_02_2018 EXP:4-29-2020
pH Test Strips 0 – 6 Lot #	213316BVEXP:05-15-21
pH Paper 0 – 3 Lot #	220416A EXP:07-30-20
pH Paper 0 – 13 Lot #	222516 EXP:08-15-2019
Chlorine Test Strips Lot #	9080 EXP:01-2022

Additional Comments:

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

Customer: NW-DIST

Project ID: BMAP

Requester: Cheryl Bunch

Collected By: *D. Morton*Field Report Prepared By: *D. Morton*Sampling Agency: *ESC. WQLM*

Location	WIN ID/Field ID	33020J10	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>10.14.2019</i> Time <i>0935</i>	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <i>5.36</i> ☒ mg/L <i>76.1</i> ☒ % sat	Total Res. Chlorine (mg/L)	
WIN/STO	Location			Temp (C) <i>26.48</i>	pH <i>7.34</i>	Sample Depth <i>0.2</i> ☐ ft ☒ m	Sp. Conductance (umho/cm) <i>37,519.6</i>
Latitude	Pensacola Bay at Sanders Beach-Bottle Group C		☐ dd ☐ dms	Salinity (ppt) <i>24.2</i>	Comments <i>discolored green ish</i>		<i>C</i>
Location	WIN ID/Field ID	33020JD4	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>10.14.2019</i> Time <i>1000</i>	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <i>5.57</i> ☒ mg/L <i>50.1</i> ☒ % sat	Total Res. Chlorine (mg/L)	
WIN/STO	Location			Temp (C) <i>26.64</i>	pH <i>7.43</i>	Sample Depth <i>0.2</i> ☐ ft ☒ m	Sp. Conductance (umho/cm) <i>34,114.7</i>
Latitude	Bayou Chico at Mandalay Drive - A		☐ dd ☐ dms	Salinity (ppt) <i>21.8</i>	Comments <i>Recult + Fresh kills</i>		<i>A</i>
Location	WIN ID/Field ID	33020221	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>10.14.2019</i> Time <i>1030</i>	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <i>6.22</i> ☒ mg/L <i>74.4</i> ☒ % sat	Total Res. Chlorine (mg/L)	
WIN/STO	Location			Temp (C) <i>24.59</i>	pH <i>8.45</i>	Sample Depth <i>0.2</i> ☐ ft ☒ m	Sp. Conductance (umho/cm) <i>154.1</i>
Latitude	Jackson Creek @ Old Corry Road-Bottle Group B		☐ dd ☐ dms	Salinity (ppt) <i>0.1</i>	Comments <i>SSO 10/11/2019</i>		<i>B</i>
Location	WIN ID/Field ID	33020222	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>10.14.2019</i> Time <i>1055</i>	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <i>6.38</i> ☒ mg/L <i>78.7</i> ☒ % sat	Total Res. Chlorine (mg/L)	
WIN/STO	Location			Temp (C) <i>26.22</i>	pH <i>7.13</i>	Sample Depth <i>0.15</i> ☐ ft ☒ m	Sp. Conductance (umho/cm) <i>144.2</i>
Latitude	Jackson Creek at New Warrington Road-Group B		☐ dd ☐ dms	Salinity (ppt) <i>0.1</i>	Comments <i>10/11/2019 SSO up stream</i>		<i>B</i>

Relinquished By: <i>CA Bunch</i>	Date/Time: <i>10/14/19 1400</i>	Shipping Method: <i>Fed ex</i>	Number of Coolers Shipped: <i>2</i>	Received By: <i>Fan McCoy</i>	Date/Time: <i>10/15/19 10:33</i>
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Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: A	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>overflow LAB</u>
Group: A	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4 H2SO4 LOT# SA9010030 EXP: 04/10/2020	Enter Number of Bottles Sent to Lab <u>3</u>
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: B	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>overflow LAB</u>
Group: B	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4 H2SO4 LOT# SA9010030 EXP: 04/10/2020	Enter Number of Bottles Sent to Lab <u>3</u>
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: C	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4 H2SO4 LOT# SA9010030 EXP: 04/10/2020	Enter Number of Bottles Sent to Lab <u>1</u>

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NW-DIST

Project ID: BMAP

Requester: Cheryl Bunch

Collected By: D. Morton

Field Report Prepared By: D. Morton

Sampling Agency: ESCWALM

Location		WIN ID/Field ID  33020117		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) (See pg 2)
Field		☒ Grab	Date 10.4.2019	Time 1140	Central	Date	Time			
WIN	Location	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 1.76		☒ mg/L	Total Res. Chlorine (mg/L)			
Latit.	Jones Creek Upstream of New Warrington Rd-Bottle Group B	Temp (C) 24.08	pH 7.04	Sample Depth 0.15	☐ ft	☒ m	Sp. Conductance (umho/cm) 128.5			
		☐ dd	Salinity (ppt) 0.1	Comments						
		☐ dms								
Location		WIN ID/Field ID  33020JF1		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID		☒ Grab	Date 10.4.2019	Time 1340	Central	Date	Time			
WIN/STC	Location	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 16.53		☒ mg/L	Total Res. Chlorine (mg/L)			
Latitude	Bayou Chico at at W St. Bridge-Bottle Group A	Temp (C) 29.57	pH 8.21	Sample Depth 0.15	☐ ft	☒ m	Sp. Conductance (umho/cm) 2001.9			
		☐ dd	Salinity (ppt) 20.3	Comments recent fish kill, Algae bloom						
		☐ dms								
Location		WIN ID/Field ID  3302JE20		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field		☒ Grab	Date 10.4.2019	Time 1400	Central	Date	Time			
WIN	Location	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.10		☒ mg/L	Total Res. Chlorine (mg/L)			
Latit.	Bayou Chico at Navy Blvd. Bridge-Bottle Group A	Temp (C) 28.02	pH 7.41	Sample Depth 0.15	☐ ft	☒ m	Sp. Conductance (umho/cm) 24696.4			
		☐ dd	Salinity (ppt) 15.3	Comments						
		☐ dms								
Location		WIN ID/Field ID		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID		☐ Grab	Date	Time	Central	Date	Time			
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L	Total Res. Chlorine (mg/L)			
Latitude		Temp (C)	pH	Sample Depth	☐ ft	☐ m	Sp. Conductance (umho/cm)			
		☐ dd	Salinity (ppt)	Comments						
		☐ dms								

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped: 2	Received By: Ian McLoay	Date/Time 10/15/19 10:33am
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Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: C	Bottle Type: TURBIDITY	P-250ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____

Document Reference # 05.1.0

Sampler's initials :

Date/Time:

Sample Container Lot #: L18145

Sampler's name: _____

University of West Florida

Printed: 10/15/2019 1:53:24 PM

Page 1 of 2

Date of Request: 13-AUG-2019
 Created By: BUNCH_CA On: 13-AUG-2019
 Modified By: JASROTIA_P On: 21-AUG-2019
 Customer: NW-DIST
 Project: BMAP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Bayou Chico BMAP

Send Coolers To:

Phone: 850-595-8300
 160 Government Center
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

Program Module Number:

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 21-AUG-2019
 Biology Request Reviewed By: JASROTIA_P On: 21-AUG-2019
 Sampling Kit Required: YES Ship on: 30-AUG-2019
 Sampling Kit Shipped: YES On: 29-AUG-2019
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 14-OCT-2019
 Received By:

Send Final Report To:

160 Government Center
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

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: 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: TEST HAS NO	Number of Bottles: 3	Preserved With: ICE
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola
Bottle Type: P-250ML	Number of Bottles: 3	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in 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

Bottle Group B (Water) With 3 Samples:

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: TEST HAS NO	Number of Bottles: 3	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola
Bottle Type: P-250ML	Number of Bottles: 3	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in 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

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-250ML	Number of Bottles: 1	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4

Printed: 10/15/2019 1:53:24 PM

Bottle Group C (Water) With 1 Samples:

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
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