

Login Checklist

RQ- 2019-09-09-09

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 09-20-19 @ 10:00

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
1.3°C				15		X			4751 8780 6850
1.6°C				17		X			1190 3161 5591
2.0°C				21		X			1190 3161 5617
1.0°C				15		X			1190 3161 5606

*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO₃ and Formalin preserved samples do **NOT** have a temperature requirement. **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.**

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

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No X

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

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No X 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 X Init: Jyler P

Chlorine detected? (One container checked per Field ID) Yes No Init:

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

Field ID	List TestID(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: Jyler P

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

Coolers Unpacked/Checked by: Jyler Reynolds Date: 09-20-19 NCRs (Y/N)? N

Event ID: CALOOSA LT
S0-DIST-2019-09-20-01 (BMAP) NCR #

Date Received: 20-SEP-2019 10:00

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

Additional Comments:

Infrared Thermometer ID:	REC_04_2018 EXP:04/29/2020
pH Test Strips 0 – 6 Lot #	213316AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	N/A
pH Paper 0 – 13 Lot #	215517 EXP: 06/01/2020
Chlorine Test Strips Lot #	8261 EXP: 07/30/2021

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No X

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: SO-DIST

Requester: John Barrington

Field Report Prepared By: Gary Small

Project ID: BMAP

Collected By: John Barrington

Sampling Agency: 8052 SREC

Location		Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab)	Date	Time	Eastern Central	Composite end	Date	Time	Bottle Group(s)
Field ID		G3SD0108		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A	
WIN/STOR		USGS Station-Punta Blanca		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments						
Location		Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab)	Date	Time	Eastern Central	Composite end	Date	Time	Bottle Group(s)
Field ID		G3SD0109		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A	
WIN		USGS Station-Shell Point		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments						
Location		Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab)	Date	Time	Eastern Central	Composite end	Date	Time	Bottle Group(s)
Field ID		G3SD0110		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A	
WIN/ST		Marker # 76		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments						
Location		Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab)	Date	Time	Eastern Central	Composite end	Date	Time	Bottle Group(s)
Field ID		G3SD0111		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A	
WIN		Marker # 52		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments						

Relinquished By: Gary Small	Date/Time: 9/19/19 1530	Shipping Method: FedEx	Number of Coolers Shipped: 4	Received By: Taylor	Date/Time:
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Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY W-F					
Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
	BOD-UNIN					
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W					
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative: FILTER-H2SO4-I CE	Enter Number of Bottles Sent to Lab	4
	W-DOC					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative: HNO3	Enter Number of Bottles Sent to Lab	4
	W-ICP W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	8
	BOD-UNIN					
Group: B	Bottle Type:	P-125ML	# of Bottles: 8	Preservative: FILTER-H2SO4-I CE	Enter Number of Bottles Sent to Lab	8
	W-DOC					
Group: B	Bottle Type:	P-500ML	# of Bottles: 8	Preservative: HNO3	Enter Number of Bottles Sent to Lab	8
	W-ICP W-ICPMS					
Group: B	Bottle Type:	P-500ML	# of Bottles: 8	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	8
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN					

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SO-DIST

Project ID: BMAP

Requester: John Barrington

Collected By: John Barrington

Field Report Prepared By: Gary Seal

Sampling Agency: 8052 SRUE

Loc	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/19/19 Time 1215	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Fiel	Location	G3SD0112		Matrix (type, e.g., Salt, Fresh, etc) fresh	Diss. Oxygen 7.74	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN	US 41, Marker # 38			Temp (C) 29.4	pH 8.24	Sample Depth 0.3	Sp. Conductance (umho/cm) 4046	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 2.13	Comments			
Locatir	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/19/19 Time 1225	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field I	Location	G3SD0113		Matrix (type, e.g., Salt, Fresh, etc) fresh	Diss. Oxygen 6.54	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/S	Marker # 28			Temp (C) 30.3	pH 8.10	Sample Depth 0.3	Sp. Conductance (umho/cm) 1000	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.49	Comments			
Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/19/19 Time 1235	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	Location	G3SD0114		Matrix (type, e.g., Salt, Fresh, etc) fresh	Diss. Oxygen 6.04	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/STC	Marker # 22			Temp (C) 32.6	pH 8.04	Sample Depth 0.3	Sp. Conductance (umho/cm) 726	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.35	Comments			
Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/19/19 Time 1245	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field II	Location	G3SD0115		Matrix (type, e.g., Salt, Fresh, etc) fresh	Diss. Oxygen 5.98	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/S	Old Swing Bridge			Temp (C) 32.8	pH 8.05	Sample Depth 0.3	Sp. Conductance (umho/cm) 700	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.34	Comments			

Relinquished By: Gary Seal	Date/Time 9/19/19 1530	Shipping Method Fedex	Number of Coolers Shipped: 4	Received By:	Date/Time
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Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
ALKALINITY W-F						
Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
BOD-UNIN						
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W						
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab
W-DOC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
W-ICP W-ICPMS						
Group: A	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: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab
BOD-UNIN						
Group: B	Bottle Type:	P-125ML	# of Bottles: 8	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab
W-DOC						
Group: B	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
W-ICP W-ICPMS						
Group: B	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
W-NH3 W-NO2NO3 W-S-A-TP W-TKN						

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SO-DIST

Requester: John Barrington

Field Report Prepared By: Greg Enslin

Project ID: BMAP

Collected By: John BarringtonSampling Agency: RUSZ SREC

Loc	Field ID/WIN ID G3SD0116	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/19/19 Time 1300	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Fie	Location MidChannel@OrangeRiver	Matrix (type, e.g., Salt, Fresh, etc) fresh	Diss. Oxygen 6.21 mg/L 57.74 % sat	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WI	Temp (C) 34.2 24.4	pH 8.07 8.24	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 560	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.27	Comments	
Loc	Field ID/WIN ID G3SD0117	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/19/19 Time 1310	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Fie	Location Upstream of Power Plant	Matrix (type, e.g., Salt, Fresh, etc) fresh	Diss. Oxygen 6.60 mg/L 6.54 % sat	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WI	Temp (C) 30.7 30.3	pH 8.02 8.10	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 530	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.25	Comments	
Location	Field ID/WIN ID G3SD0118	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/19/19 Time 1325	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field II	Location Mid Channel off Oxbow	Matrix (type, e.g., Salt, Fresh, etc) fresh	Diss. Oxygen 6.04 mg/L 4.34 % sat	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/S	Temp (C) 30.1 32.6	pH 7.00 8.04	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 490	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.23	Comments	
Location	Field ID/WIN ID G3SD0119	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/19/19 Time 1335	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field ID	Location Mid channel off point	Matrix (type, e.g., Salt, Fresh, etc) fresh	Diss. Oxygen 5.98 mg/L 4.34 % sat	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/S	Temp (C) 27.8 32.8	pH 7.61 8.05	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 504	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.24	Comments	

Relinquished By: <u>Greg Enslin</u>	Date/Time 9/19/19 1530	Shipping Method <u>Fedex</u>	Number of Coolers Shipped: 4	Received By:	Date/Time
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Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
ALKALINITY W-F						
Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
BOD-UNIN						
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W						
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-H2SO4-I CE	Enter Number of Bottles Sent to Lab _____
W-DOC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
W-ICP W-ICPMS						
Group: A	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: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
BOD-UNIN						
Group: B	Bottle Type:	P-125ML	# of Bottles: 8	Preservative:	FILTER-H2SO4-I CE	Enter Number of Bottles Sent to Lab _____
W-DOC						
Group: B	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
W-ICP W-ICPMS						
Group: B	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
W-NH3 W-NO2NO3 W-S-A-TP W-TKN						

Group: B	Bottle Type:	P-500ML	# of Bottles: 8	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>8</u>
W-TOC						

Group: B	Bottle Type:	P-125ML	# of Bottles: 8	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>8</u>
W-PO4-F						

Date of Request: 30-MAY-2019
 Created By: BARRINGT_J On: 30-MAY-2019
 Modified By: JASROTIA_P On: 20-AUG-2019
 Customer: SO-DIST
 Project: BMAP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: CALOOSA LT

Send Coolers To:

Phone: 239-344-5720
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: John Barrington

Send Final Report To:

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

Program Module Number:

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 20-AUG-2019
 Biology Request Reviewed By: JASROTIA_P On: 20-AUG-2019
 Sampling Kit Required: YES Ship on: 03-SEP-2019
 Sampling Kit Shipped: YES On: 03-SEP-2019
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: YES
 Date to Receive Samples: 09-SEP-2019
 Received By:

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

Comments: Group A: WBID 3240A
 Group B: WBID 3240BC
 1 - case of nitric acid/2 sets of labels
 2 - cases of sulfuric acid vials
 send recertified H2SO4 Acid. Lot# SA7163030.
 4 - sets of sulfuric acid labels
 send recertified H2SO4 Acid labels

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Bottle Type: P-1L	Number of Bottles: 4	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
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-125ML	Number of Bottles: 4	Preserved With: FILTER-H2SO4-ICE
W-DOC	Template: DEFAULT	(SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 4	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
Iron		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		
Chromium		
Copper		
Lead		
Nickel		
Silver		

Bottle Group A (Water) With 4 Samples:

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

Bottle Group B (Water) With 8 Samples:

Bottle Type: P-500ML	Number of Bottles: 8	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		
Iron		
Magnesium		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		
Chromium		
Copper		
Lead		
Nickel		
Silver		
Bottle Type: P-500ML	Number of Bottles: 8	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: 8	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 Type: P-1L	Number of Bottles: 8	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: P-125ML	Number of Bottles: 8	Preserved With: FILTER-H2SO4-ICE
W-DOC	Template: DEFAULT	(SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices