Log-in Checklist

RQ- 2020-01-20-27 Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 1/ 30 /20 @ 10:35

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	
0.3				22		✓			1278 4010 7940
0.5				20		✓			1278 4010 7951
2.1				18		✓			1278 4010 7962
1.5				20		✓			1190 3162 5397

* 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.**

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No_____

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

****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 ✓ **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: KK

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: KK

****W-1-4-DIOX (Green dot on container) preserved to pH<4.0?** Yes____ No____ NA ✓ Init: KK

Coolers Unpacked/Checked by: KK **Date:** 1/ 30 /20 **NCRs (Y/N)?** N

Event ID:_____ CALOOSA LT SO-DIST-2020-01-30-01 (BMAP) Date Received: 30-JAN-2020 10:35 **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:	IR TEMP GUN #5 EXP:11-5-20
pH Test Strips 0 – 6 Lot #	
pH Paper 0 – 3 Lot #	220416A EXP:7/30/20
pH Paper 0 – 13 Lot #	215517 EXP:6/1/20
Chlorine Test Strips Lot #	091417V EXP:9/2021

Additional Comments:

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: _____

Request Number: RQ-2020-01-20-27

CALOOSA LT

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Project ID: BMAP

Requester: John Barrington

Collected By: JOHN BARRINGTON

Field Report Prepared By: CURTIS HENDRY

Sampling Agency: FDEP SOCOC 8052

Location / Field ID / WIN/STOR	Collection	Matrix	Diss. Oxygen	Total Res. Chlorine	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	Salinity (ppt)	Comments	Bottle Group(s) (See pg 2)
Field ID/WIN ID: G3SD0112 Location: US 41, Marker # 38	☐ Comp ☒ Grab Date 1/29/20 Time 1110 Eastern / Central Composite end Date Time	SALT	9.01 ☒ mg/L ☐ % sat	(mg/L)	19.6	8.07	0.3 ☐ ft ☒ m	16138	9.48	—	B
Field ID/WIN ID: G3SD0113 Location: Marker # 28	☐ Comp ☒ Grab Date 1/29/20 Time 1125 Eastern / Central Composite end Date Time	SALT	7.78 ☐ mg/L ☐ % sat	(mg/L)	21.3	7.87	0.3 ☐ ft ☒ m	11815	6.83	—	B
Field ID/WIN ID: G3SD0114 Location: Marker # 22	☐ Comp ☒ Grab Date 1/29/20 Time 1145 Eastern / Central Composite end Date Time	SALT	7.23 ☒ mg/L ☐ % sat	(mg/L)	22.5	7.83	0.3 ☐ ft ☒ m	8920	4.92	—	B
Field ID/WIN ID: G3SD0115 Location: Old Swing Bridge	☐ Comp ☒ Grab Date 1/29/20 Time 1155 Eastern / Central Composite end Date Time	SALT	7.09 ☒ mg/L ☐ % sat	(mg/L)	21.9	7.81	0.3 ☐ ft ☒ m		4.74	—	B

Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JOHN BARRINGTON	1/29/20 1530	FEDEX	4	KH	1-30-20 1035

Group: A	Bottle Type: ALKALINITY W-F	P-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: BOD-UNIN	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: FCOLI-MF	P-120ML-OC	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: W-DOC	P-125ML	# of Bottles: 4	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: BOD-UNIN	P-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: FCOLI-MF	P-120ML-OC	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: W-DOC	P-125ML	# of Bottles: 9	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 9	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____

Request Number: RQ-2020-01-20-27

CALOOSA LT

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Project ID: BMAP

Requester: John Barrington

Collected By: JOHN BARRINGTON

Field Report Prepared By: CHRIS HORVATH

Sampling Agency: FDEP SOROC FLFTM21 8052

Location Field ID/WIN ID G3SD0108 | **Field ID** Location | **WIN/STOR** USGSStation-PuntaBlanca

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 1/29/20 Time 0925 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): SALT | Diss. Oxygen 7.67 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 18.20 | pH 7.63 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 41655

Salinity (ppt) 26.71 | Comments

Location Field ID/WIN ID G3SD0109 | **Field ID** Location | **WIN/STORE** USGS Station-ShellPoint

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 1/29/20 Time 0945 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): SALT | Diss. Oxygen 7.96 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 18.10 | pH 7.78 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 38480

Salinity (ppt) 24.51 | Comments

Location Field ID/WIN ID G3SD0110 | **Field ID** Location | **WIN/STORET** Marker # 76

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 1/29/20 Time 1015 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): SALT | Diss. Oxygen 8.37 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 18.30 | pH 7.95 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 30796

Salinity (ppt) 19.14 | Comments

Location Field ID/WIN ID G3SD0111 | **Field ID** Location | **WIN/STORE** Marker # 52

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 1/29/20 Time 1015 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): SALT | Diss. Oxygen 8.77 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 19.1 | pH 8.08 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 20215

Salinity (ppt) 12.15 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JOHN BARRINGTON	1/29/20 1530	~~FEDEX~~	4	KR	1-30-20 / 1035

Group: A	Bottle Type: ALKALINITY W-F	P-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: BOD-UNIN	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: FCOLI-MF	P-120ML-OC	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-DOC	P-125ML	# of Bottles: 4	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: BOD-UNIN	P-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
Group: B	Bottle Type: FCOLI-MF	P-120ML-OC	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
Group: B	Bottle Type: W-DOC	P-125ML	# of Bottles: 9	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	8
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 9	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	8

~~SA~~ NA 9254150 9/11/20

~~SA~~ SA 9301030 10/28/20

Request Number: RQ-2020-01-20-27

CALOOSA LT

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Project ID: BMAP

Requester: John Barrington

Collected By: JOHN BARRINGTON

Field Report Prepared By: CHRIS HORVATH

Sampling Agency: ~~FDEP~~ FDEP SOROC

Location	Field ID/WIN ID	Comp / Grab	Collection (comp begin or grab) Date / Time	Eastern / Central	Composite end Date / Time	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L / % sat	Total Res. Chlorine (mg/L)	Temp (C)	pH	Sample Depth	ft / m	Sp. Conductance (umho/cm)	Salinity (ppt)	Latitude	dd / dms	Longitude	dd / dms	Comments	Bottle Group(s) (See pg 2)
MidChannel@OrangeRiver	G3SD0116	Grab	1/29/20 1215	Eastern	—	Salt	7.28	mg/L	—	25.0	7.82	0.3	m	8575	4.77					SEAWALL CONSTRUCTION UPSTREAM OF G3SD0116	B
Upstream of Power Plant	G3SD0117	Grab	1/29/20 1235	Eastern	—	Salt	8.12	mg/L	—	20.4	7.88	0.3	m	7218	3.98					—	B
Mid Channel off Oxbow	G3SD0118	Grab	1/29/20 1250	Eastern	—	Salt	4.31	mg/L	—	20.9	7.87	0.3	m	7775	4.31					—	B
Mid channel off point	G3SD0119	Grab	1/29/20 1300	Eastern	—	Salt	7.40	mg/L	—	20.3	7.81	0.3	m	8250	4.43					—	B

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JOHN BARRINGTON	1/29/20 1530	FEDEX	4	BK	1.30.20 / 1035

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-120ML-OC	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	FCOLI-MF						
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: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	BOD-UNIN						
Group: B	Bottle Type:	P-120ML-OC	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	FCOLI-MF						
Group: B	Bottle Type:	P-125ML	# of Bottles: 9	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	
	W-DOC						
Group: B	Bottle Type:	P-500ML	# of Bottles: 9	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	
	W-ICP W-ICPMS						

Group: B Bottle Type: P-500ML # of Bottles: 9 Preservative: ICE And H2SO4 **Enter Number of Bottles Sent to Lab** 8

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: B Bottle Type: P-125ML # of Bottles: 9 Preservative: FILTER-ICE **Enter Number of Bottles Sent to Lab** 8

W-PO4-F

RQ-2020-01-20-27

Date of Request:	08-JAN-2020
Created By:	BARRINGT_J On: 08-JAN-2020
Modified By:	JASROTIA_P On: 08-JAN-2020
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: 08-JAN-2020
Biology Request Reviewed By:	JASROTIA_P On: 08-JAN-2020
Sampling Kit Required:	YES Ship on: 15-JAN-2020
Sampling Kit Shipped:	YES On: 13-JAN-2020
Sampling Kit Packed By:	REYNOLDS_T
Preservatives Needed:	YES
Date to Receive Samples:	20-JAN-2020
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
Blank
1 - case of sulfuric acid/2 sets of labels
1 - case of nitric acid/2 sets of 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-2011) Alkalinity in aqueous matrices as mg CaCO3/L
W-F	Template: DEFAULT	(SM 4500 F-C-2011) 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-120ML-OC — Number of Bottles: 4 — Preserved With: ICE

FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems

Bottle Type: P-125ML — Number of Bottles: 4 — Preserved With: FILTER-H2SO4-ICE

W-DOC	Template: DEFAULT	(SM 5310 B-2011) 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-2011) 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 9 Samples:

Bottle Type: P-120ML-OC Number of Bottles: 9 Preserved With: ICE

FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems

Bottle Type: P-125ML Number of Bottles: 9 Preserved With: FILTER-H2SO4-ICE

W-DOC	Template: DEFAULT	(SM 5310 B-2011) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices

Bottle Type: P-500ML Number of Bottles: 9 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: 9 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-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML Number of Bottles: 9 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: 9 Preserved With: ICE

BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited