

RQ-2018-07-16-26

Log-in Checklist

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound | _____Date/Time of Receipt: 07/18/18 10:00

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		*Intact?		Tracking # (fill out only if waybill copy is damaged)
			Present?		Yes	No	
Red	1.9°C	16		X			4385 5031 0697
Red	1.2°C	15		X			4385 5031 0701

*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 _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No _____ Date 07/18/18

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: MR

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-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		

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

****Acid Preserved Samples: pH ≤ 2.0?** Yes ✓ No _____ NA _____ Init: MR

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

Coolers Unpacked/Checked by: Tyler R. Date: 07/18/18 NCRs (Y/N)? N

Event ID: CRESTVIEW

—NW-DIST-2018-07-18-01 (SMP)

NCR # _____

Date Received: 18-JUL-2018 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

Additional Comments:

Infrared Thermometer ID:	REC_05_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:09/15/2019
Chlorine Test Strips Lot #	091417V EXP:09/2021

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

CRESTVIEW

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: W. Bretana

Project ID: SMP

Collected By: J. Pitts

Sampling Agency: 21FLPNS

Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) (See pg 2)
Field/WIN ID  G4NW0207		☒ Grab	Date 7/17/18	Time 1000	Central	Date	Time	
Location: Green Branch Upstream of Buck Tyner Rd.		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		A
				5.34	☐ % sat			
Temp (C) 23.6		pH 6.07		Sample Depth 0.2	☐ ft	Sp. Conductance (umho/cm) 31.6		
					☒ m			
☐ dd ☐ dms		Salinity (ppt) 0.01		Comments				

Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID →  G4NW0207_DUP		☒ Grab	Date 7/17/18	Time 1010	Central	Date	Time	
Location: Green Branch Upstream of Buck Tyner Rd.		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		A
					☐ % sat			
Temp (C)		pH		Sample Depth 0.2	☐ ft	Sp. Conductance (umho/cm)		
					☒ m			
☐ dd ☐ dms		Salinity (ppt)		Comments				

Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID:  BLANK_07172018		☒ Grab	Date 7/17/18	Time 1020	Central	Date	Time	
Location: Green Branch Upstream of Buck Tyner Rd.		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine (mg/L)		B
		DI			☐ % sat			
Temp (C)		pH		Sample Depth	☐ ft	Sp. Conductance (umho/cm)		
					☐ m			
☐ dd ☐ dms		Salinity (ppt)		Comments				

Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field/WIN ID  G4NW0395		☒ Grab	Date 7/17/18	Time 1105	Central	Date	Time	
Location: Oak Creek below Tommy Steel Rd		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		A
				3.47	☐ % sat			
Temp (C) 25.2		pH 5.81		Sample Depth 0.1	☐ ft	Sp. Conductance (umho/cm) 30.9		
					☒ m			
☐ dd ☐ dms		Salinity (ppt) 0.01		Comments				

Relinquished By: 	Date/Time: 7/17/18 1600	Shipping Method: FEDEX	Number of Coolers Shipped: 2	Received By: Tyler R.	Date/Time: 07/18/18 @ 10
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Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6 sent to contract lab
	NW-UWF-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	6
	W-NH3				H2SO4		
	W-NO2NO3				LOT# SA8085170		
	W-S-A-TP				EXP: 03/26/19		
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	6
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						

Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-TKN					
	W-TOC					

Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F					

CRESTVIEW

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: W. Bretana

Project ID: SMP

Collected By: J Pitt

Sampling Agency: 21FLPNS

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/17/18 Time 1130		Eastern <u>Central</u>	Composite end Date Time		Bottle Group(s) (See pg 2) A
Field	Field/WIN ID G4NW0160	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 6.70	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN	Location: Hurricane Creek below Hurricane Lake Road	Temp (C) 29.1	pH 6.49	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 22.6		
Latitu	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.01	Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/17/18 Time 1210		Eastern <u>Central</u>	Composite end Date Time		Bottle Group(s) A
Field	Field/WIN ID G4NW0336	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 7.61	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN	Location: Baggett Creek upstream of Hwy 90	Temp (C) 24.9	pH 6.78	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 33.5		
Latitu	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.01	Comments Just rained. lots of sediment				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/17/18 Time 1230		Eastern <u>Central</u>	Composite end Date Time		Bottle Group(s) A
Field	Field/WIN ID G4NW0357	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 7.89	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN	Location: Wilkinson Creek upstream of Wilkinson Bluff Road	Temp (C) 24.2	pH 6.04	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 20.5		
Latitu	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.01	Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/17/18 Time 1255		Eastern <u>Central</u>	Composite end Date Time		Bottle Group(s) A
Field	Field/WIN ID G4NW0052	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 7.67	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN	Location: Trammel Creek East of Hwy 4	Temp (C) 25.1	pH 6.97	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 53.2		
Latitu	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.02	Comments				

Relinquished By:	Date/Time 7/17/18 1100	Shipping Method FEDEX	Number of Coolers Shipped: 2	Received By: Tyler R.	Date/Time 07/18/18 10:00
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Group: A	Bottle Type:	P-1L	# of Bottles: 6	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: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	_____
	CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	_____
	NW-UWF-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	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: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	_____
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	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:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	_____
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						

Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
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W-TKN

W-TOC

Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab _____
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W-PO4-F

Cooler Packing Worksheet for Request: RQ-2018-07-16-26

CRESTVIEW

Ship Cooler On: 7/6/2018

Customer/Project: NW-DIST/SMP

Assigned To: SHAIK_A

Requester: Michael King

Priority: 3

SC-695-0605
160 W Government St
Suite 208A
Pensacola, FL 32502-5794
Attn: Michael King

Please return
packing list with
sample submittal
forms.

Comments:

No preservatives needed.

Group A: (WBID 275, 30G, 336, 50, 83, 91, DUPLICATE) Freshwater Kit, Contract Lab Bacteria

Group B: (Field Blank) Freshwater Kit no Chlorophyll

Requested Analyses:

Bottle Group: A

of Sites: 6

Container ID: P-1L

Qty: 6 Preservation: ICE

Lot # 00069122-4

Description: Plastic Bottle 1L

00071233-2

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO₃/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 6 Preservation: ICE

Lot # 1223623

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: TEST HAS NO BOTTLE Qty: 6 Preservation: ICE

Lot #

Description: Do not ship container for this test.

Analysis

NW-UWF-ECQ

Description

Escherichia coli by Colilert 18 Quanti-Tray method by UWF Laboratory

Container ID: P-500ML

Qty: 6 Preservation: ICE And H2SO4

Lot # 50071230

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

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

Description

Ammonia in aqueous matrices as mg N/L
Nitrite/Nitrate in aqueous matrices as mg N/L
Total Phosphorus in aqueous matrices as mg P/L
Total Kjeldahl Nitrogen in aqueous matrices
Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 6 Preservation: FILTER-ICE

Lot # 50069732

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B

of Sites: 1

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 50071233

Description: Plastic Bottle 1L

Analysis

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L
Turbidity in aqueous matrices
Chloride in aqueous matrices
True Color measured at 450 nm
Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Sulfate in aqueous matrices
Total Dissolved Solids in aqueous matrices
Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 550 71230

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

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

Description

Ammonia in aqueous matrices as mg N/L
Nitrite/Nitrate in aqueous matrices as mg N/L
Total Phosphorus in aqueous matrices as mg P/L
Total Kjeldahl Nitrogen in aqueous matrices
Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 1 Preservation: FILTER-ICE

Lot # 550 64732

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: AB

Number of Coolers: 2

Date: 7-2-18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☐ Plastic Bags/Zip Ties
- ☒ Acid Labels (sets of 24)

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-07-16-26

Document Reference # 05.1.0

Sample received by: Choko of WRL

Sampler's initials: JP/WB

Page 1 of 1

Date/Time: 7/17/18 11432

Date/Time: 7/17/18 11:32

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport. If a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

18-44082 G4NW0207_DUP GREEN BRANCH

RQ-2018-07-16-26

Contact name

Sampler's name: Jared Piny

¹Matrix: SW = surface water, PW = pore water, GW = ground water, S = soil/sediment, X =

²Type codes: G = grab, C = composite, X =

³ Recorded using IRT-2

Date of Request: 20-JUN-2018
 Created By: KING_M On: 20-JUN-2018
 Modified By: SWANSON_C On: 26-JUN-2018
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: CRESTVIEW

Send Coolers To:

Phone: SC-695-0605
 160 W Government St
 Suite 208A
 Pensacola, FL 32502-5794
 Attn: Michael King

Program Module Number: 1306
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 26-JUN-2018
 Biology Request Reviewed By: SWANSON_C On: 26-JUN-2018
 Sampling Kit Required: YES Ship on: 06-JUL-2018
 Sampling Kit Shipped: YES On: 02-JUL-2018
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 17-JUL-2018
 Received By:

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: Group A: (WBID 275, 30G, 336, 50, 83, 91, DUPLICATE) Freshwater Kit, Contract Lab Bacteria

Group B: (Field Blank) Freshwater Kit no Chlorophyll

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-1L	Number of Bottles: 6	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 using a maximum of 250 mL of sample

Bottle Type: BP-1L	Number of Bottles: 6	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: 6	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by UWF Laboratory in Pensacola

Bottle Type: P-500ML	Number of Bottles: 6	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: 6	Preserved With: FILTER-ICE
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 1 Samples:

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L		Number of Bottles: 1	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 using a maximum of 250 mL of sample	
Bottle Type: P-500ML		Number of Bottles: 1	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: 1	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L	