

Reynolds, Tyler

From: Ayres, Joshua
Sent: Thursday, August 13, 2020 12:08 PM
To: Reynolds, Tyler
Subject: FW: RQ-2020-08-10-45

Importance: High

Tyler –

Login the organics only for this site. Don't think this site has a PCR sample.

Add this email to the event file. Thanks



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

From: Musson, Curtis <Curtis.Musson@FloridaDEP.gov>
Sent: Thursday, August 13, 2020 12:06
To: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: RE: RQ-2020-08-10-45

Yes, login the organics and PCR

From: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Sent: Thursday, August 13, 2020 12:03 PM
To: Musson, Curtis <Curtis.Musson@FloridaDEP.gov>
Cc: Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>
Subject: RQ-2020-08-10-45
Importance: High

Curtis –

We received another SMP cooler today out of temperature 8.3 °C, no ice in cooler only water. One site affected (15 containers).

The other sites for this RQ (see attachment) were received in a separate cooler with ice, no temperature issues.

I know you said you didn't want us to login samples out of temperature, but was wondering if you might want us to login the organics only?

Request Number: RQ-2020-08-10-45

Florida Department of Environmental Protection

Amoret/Ready Creek/Belle

Central Laboratory Submittal Form

Customer: CEN-DIST

Requestor: Lell RomanField Report Prepared By: SI

Project ID: SMP

Collected By: FFaria & S. MayerSampling Agency: FD

Location	Field ID/WIN G4CE0072	☐ Comp ☒ Grab	Collection (comp begin or grab) Date: <u>27-08-2020</u> Time: <u>1325</u>	☒ Eastern ☐ Central	Composite and Date
Field 1		Matrix (type, e.g., Salt, fresh, etc)	Diss. Oxygen <u>7.23</u>	☒ mg/L ☐ % sat	Total R (mg/L)
WINE	Site Name: <u>Lake Amoret 85m SW of Center</u>	Temp (C) <u>33.4</u>	pH <u>7.09</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m
Latitude	☐ dms	Salinity (ppt) <u>0.06</u>	Comments		
Location	Collection (comp begin or grab)			Composite and	



JOSHUA AYRES

Environmental Specialist III

DEP Laboratories

Voice: 850.245.8206

joshua.Ayres@dep.state.fl.us

From: Musson, Curtis <Curtis.Musson@FloridaDEP.gov>
Sent: Wednesday, August 12, 2020 13:20
To: Barrington, John <John.Barrington@FloridaDEP.gov>; Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>; Lab.Receiving <Lab.Receiving@floridadep.gov>
Cc: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Subject: RE: RQ-2020-08-10-11

Resample

From: Barrington, John <John.Barrington@FloridaDEP.gov>
Sent: Wednesday, August 12, 2020 1:16 PM
To: Musson, Curtis <Curtis.Musson@FloridaDEP.gov>; Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>; Lab.Receiving <Lab.Receiving@floridadep.gov>
Cc: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Subject: Re: RQ-2020-08-10-11

I have no problems resampling. It's what I'm here for. However, I don't know when or how we can fit it in since I'm not part of the statewide sampling coordination nor do I know the relative importance of the data from these sites. Are the data from these sites lacking? Do we need more? Do we have enough? Honestly, I was hoping you'd answer that. I don't feel I have the frame of reference to determine these things.

- John

From: Musson, Curtis <Curtis.Musson@FloridaDEP.gov>
Sent: Wednesday, August 12, 2020 12:44 PM
To: Barrington, John <John.Barrington@FloridaDEP.gov>; Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>; Lab.Receiving <Lab.Receiving@floridadep.gov>
Cc: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Subject: RE: RQ-2020-08-10-11

Tyler,
We don't want samples that are out of temp to be logged in.

John, I'll let you answer the resample question.

Thanks,
Curtis

From: Barrington, John <John.Barrington@FloridaDEP.gov>
Sent: Wednesday, August 12, 2020 12:41 PM
To: Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>; Lab.Receiving <Lab.Receiving@floridadep.gov>; Musson, Curtis <Curtis.Musson@FloridaDEP.gov>
Cc: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Subject: Re: RQ-2020-08-10-11

Tyler,

This question would be best posed to Curtis Musson.

Curtis,

What would you like done with these samples?

- John

From: Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>

Sent: Wednesday, August 12, 2020 11:30 AM

To: Barrington, John <John.Barrington@FloridaDEP.gov>; Lab.Receiving <Lab.Receiving@floridadep.gov>

Subject: RE: RQ-2020-08-10-11

This cooler was received late and out of temperature . Do you still want these sites logged in and data qualified or would you want to resample?



TYLER REYNOLDS

Laboratory Tech IV

Florida Department of Environmental Protection

Voice: 850.345.8332

Tyler.Reynolds@dep.state.fl.us

From: Barrington, John <John.Barrington@FloridaDEP.gov>

Sent: Monday, August 10, 2020 3:03 PM

To: Lab.Receiving <Lab.Receiving@floridadep.gov>

Subject: RQ-2020-08-10-11

JOHN BARRINGTON 

Environmental Specialist II

Division of Environmental Assessment & Restoration – SROC

Florida Department of Environmental Protection

2295 Victoria Avenue, Suite 364

Fort Myers, FL, 33901

239-344-5720 ext. 85720



RQ-2020-08-10-45

Login Checklist

Login Station ID: #4

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 08/13/2020 @ 11:15

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
8.9				10		x		9117 6380 9288	
1.2				14		X		9117 6381 0248	

COOLER CHECK

*All samples received on ice unless otherwise noted. HNO₃ and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# _____
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# _____

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes _____ No ☒

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA ☒

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes ☒ No _____

Caps on tight?

Yes ☒ No _____

Sufficient Sample Volume:

Yes ☒ No _____If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ☒ No _____ Init: Jylin

Chlorine detected? (One container checked per Field ID)

Yes _____ No ☒ Init: Jylin

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

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

**Acid Preserved Samples: pH < 2.0?

Yes ☒ No _____ NA _____ Init: Jylin

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes _____ No _____ NA ☒ Init: Jylin

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: Jylin Reynolds

Date: 08/13/2020

Event contains NCRs (Y/N)? YEvent ID: Amoret/Reedy Creek/Belle
-CEN-DIST-2020-08-13-01 (SMP)Page 1 of Date Received: 13-AUG-2020 11:15
REF-4-4-2

NCR# 8414

JA 9/08/2020

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	#4 Temp Gun EXP:11/05/2020
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	231019 EXP:11/01/2022
Chlorine Test Strips	8261 EXP:07/2021

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: _____

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 _____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

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: _____

Amoret/Reedy Creek/Belle

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: CEN-DIST

Requester: Leif Boman

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: F Faria & S Meyer

Sampling Agency: FDEP SW ROC

Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s) (See pg 2) A
Field ID/WIN G4CE0072		☒ Grab	Date 08/12/2020 Time 1325		Central	Date _____ Time _____		
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine		
WIN/S		Temp (C) 33.4		pH 7.09	☐ % sat	(mg/L) _____		
Site Name: Lake Amoret 85m SW of Center		Sample Depth 0.3		☐ ft	Sp. Conductance		Bottle Group(s) (See pg 2) B	
Latitude		Salinity (ppt) 0.06		☒ m	(umho/cm) 135.6			
☐ dms		Comments						
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s) (See pg 2) B
Field ID/WIN G4CE0194		☒ Grab	Date 08/12/2020 Time 1210		Central	Date _____ Time _____		
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine		
WIN/STOR		Temp (C) 27.3		pH 6.10	☐ % sat	(mg/L) _____		
Site Name: Livingston Creek @ Ruckus Dairy Rd		Sample Depth 0.3		☐ ft	Sp. Conductance		Bottle Group(s) (See pg 2) C	
Latitude		Salinity (ppt) 0.07		☒ m	(umho/cm) 152.5			
☐ dms		Comments						
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s) (See pg 2) C
Field ID/WIN G3CE0019		☒ Grab	Date 08/12/2020 Time 1040		Central	Date _____ Time _____		
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine		
WIN/STOR		Temp (C) 31		pH 7.93	☐ % sat	(mg/L) _____		
Site Name: Lake Belle @ Center of W Lobe		Sample Depth 0.3		☐ ft	Sp. Conductance		Bottle Group(s) (See pg 2) C	
Latitude		Salinity (ppt) 0.11		☒ m	(umho/cm) 242.1			
☐ dms		Comments						
Location		☐ Comp	Collection (comp begin or grab)		☐ Eastern	Composite end		Bottle Group(s) (See pg 2) C
Field ID		☐ Grab	Date _____ Time _____		Central	Date _____ Time _____		
WIN/STOR		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine		
Latitude		Temp (C) _____		pH _____	☐ % sat	(mg/L) _____		
Longitude		Salinity (ppt) _____		Sample Depth _____	☐ ft	Sp. Conductance		
☐ dms		☐ dms		☐ m	(umho/cm) _____		Comments	

Relinquished By: Sarah Meyer	Date/Time: 08/12/2020 1600	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By: Tyler J.	Date/Time: 08/13/2020 11:15
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Group: A	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: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative: CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
	W-CARB-AA					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
	W-CT-CI-R					
	W-PCL-SQ-R					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI					
	W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
	W-HARD					
	W-ICP					
	W-ICPMS					
Group: A	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					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F					
Group: A	Bottle Type:	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
	W-PSNP-TQ					

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:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
	W-CARB-AA						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-CT-CI-R						
	W-PCL-SQ-R						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI						
	W-E8321-MS						
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						
	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						
Group: B	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-PSNP-TQ						
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						

Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: C	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: C	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						
	W-TKN						
	W-TOC						
Group: C	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						

Date of Request: 31-JUL-2020
 Created By: BOMAN_L On: 31-JUL-2020
 Modified By: JASROTIA_P On: 03-AUG-2020
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Southwest
 Event Description: Amoret/Reedy Creek/Belle

Send Coolers To:

Phone: 813-470-5951
 FL Dept. of Environmental Protection
 13051 N Telecom Parkway
 Temple Terrace, FL 33637
 Attn: Matthew Bearden
 Cooler Ship EMail: Matthew.Bearden@dep.state.fl.us

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 03-AUG-2020
 Biology Request Reviewed By: JASROTIA_P On: 03-AUG-2020
 Sampling Kit Required: YES Ship on: 04-AUG-2020
 Sampling Kit Shipped: YES On: 04-AUG-2020
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 10-AUG-2020
 Logged In By:

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Kalina Warren
 Report Notification EMail: natalie.ayala@dep.state.fl.us

Comments: Bottle Group A: Amoret
 Bottle Group B: Reedy Creek
 Bottle Group C: Belle

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) 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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) 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-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
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
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: CH ₂ ClCOOH Pre-Preserved
W-CARB-AA	Template: DEFAULT	(EPA 8321B) Carbamates in water matrices by HPLC/MS/MS
Bottle Type: BG-500ML	Number of Bottles: 4	Preserved With: ICE
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCL-SQ-R	Template:	(EPA 8270E) Organochlorine pesticides in water matrices by GC/MS-SIM
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO ₃
W-HARD	Template: DEFAULT	(SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO ₃
Hardness		

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	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
Barium		
Calcium		
Iron		
Magnesium		
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
*Boron		
Aluminum		
Antimony		
Arsenic		
Cadmium		
Chromium		
Copper		
Lead		
Nickel		
Selenium		
Silver		
Thallium		

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
W-TOC	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 1	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: BG-1L	Number of Bottles: 4	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
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
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: CH2ClCOOH Pre-Preserved
W-CARB-AA	Template: DEFAULT	(EPA 8321B) Carbamates in water matrices by HPLC/MS/MS
Bottle Type: BG-500ML	Number of Bottles: 2	Preserved With: ICE
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCL-SQ-R	Template:	(EPA 8270E) Organochlorine pesticides in water matrices by GC/MS-SIM
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
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

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-500ML		Number of Bottles: 1	Preserved With: ICE And H2SO4
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: 1	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: BG-1L		Number of Bottles: 2	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS	

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-1L		Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)	
Color (true)			
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices	
W-TDS	Template: DEFAULT	(SM 2540 C-2011) Total Dissolved Solids in aqueous matrices	
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample	
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	
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	
W-TOC	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices	
Bottle Type: P-125ML		Number of Bottles: 1	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	

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