

Reaves, Shawn D

From: Barrington, John
Sent: Monday, February 24, 2020 2:53 PM
To: Davis, Sara C.
Cc: Warren, Kalina; Wolfe, Kirby; Watts, John; Reaves, Shawn D; Musson, Curtis
Subject: FW: Sample to be cancelled RE: Caloosa Long Term BMAP

Sara,

I did the Feb run for the Caloosahatchee Long Term BMAP project last Thursday. It looks like the coolers were late arrival. All BOD was affected as well as some PO4 and chlorophyll (see below). Also, due to an unfortunate miscommunication, the lab may cancel certain samples rather than qualifying the data. Please advise if you'd like these affected sites resampled for the qualified and/or canceled data. I will not be able to sample until the first week of March. I can push back the scheduled March sampling event to keep a 2-3 week distance between events.

Best,

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



From: Barrington, John
Sent: Monday, February 24, 2020 2:43 PM
To: Watts, John <John.Watts@FloridaDEP.gov>; Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Cc: Musson, Curtis <Curtis.Musson@FloridaDEP.gov>; Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Subject: RE: Sample to be cancelled

NO! Don't cancel them.

I don't want the data as in I don't need it sent to me. Run the analyses and qualify as needed. I only need to know what was qualified so I can report that to the project admin as stated in my earlier email.

- John

From: Watts, John <John.Watts@FloridaDEP.gov>
Sent: Monday, February 24, 2020 1:14 PM

To: Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Cc: Musson, Curtis <Curtis.Musson@FloridaDEP.gov>; Barrington, John <John.Barrington@FloridaDEP.gov>
Subject: RE: Sample to be cancelled

Will do.

John Watts
FDEP Laboratories
Environmental Administrator
245-8077

From: Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Sent: Monday, February 24, 2020 9:56 AM
To: Watts, John <John.Watts@FloridaDEP.gov>
Subject: Sample to be cancelled

The following samples need to be cancelled per John Barrington doesn't want qualified data

SAMPLE ID'S

2160113
2160114
2160115
2160134
2160135
2160136
2160155
2160156

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

From: Barrington, John <John.Barrington@FloridaDEP.gov>
Sent: Monday, February 24, 2020 9:33 AM
To: Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Cc: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Subject: Re: 21 cooler

Negative, I don't need the data. Just needed to know what was qualified so I can report it to the project coordinator to determine if I will need to schedule a resample for the affected analytes.

Thanks,
John

From: Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Sent: Monday, February 24, 2020 9:10:41 AM
To: Barrington, John <John.Barrington@FloridaDEP.gov>
Subject: FW: 21 cooler

Good Morning John,

The samples collected at 11:40 and after were catch in time for W-PO4-F. The sample collected at 10:20 and 10:45 for the CHLSUITE-W were catch in time. The BOD samples will receive a No Result. Would you like the qualified data for the following site below?

Field ID: CHLSUITE-W
G3SD0108
G3SD0109

Field ID: W-P04-F
G3SD0108
G3SD0109
G3SD0110
G3SD0111
G3SD0112
G3SD0113
G3SD0114

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

From: Watts, John <John.Watts@FloridaDEP.gov>
Sent: Monday, February 24, 2020 8:10 AM
To: Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Subject: FW: 21 cooler

Will you reply to John Barrington.

John Watts
FDEP Laboratories
Environmental Administrator
245-8077

From: Barrington, John <John.Barrington@FloridaDEP.gov>
Sent: Monday, February 24, 2020 7:29 AM

To: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>; Watts, John <John.Watts@FloridaDEP.gov>
Cc: Snorek, Gary <Gary.Snorek@dep.state.fl.us>; Hormuth, Chris <Chris.Hormuth@FloridaDEP.gov>
Subject: RE: 21 cooler

John,

Can you confirm the short hold analytes were logged in within their hold times? I know BOD was likely not done.

Thanks,
John

From: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Sent: Friday, February 21, 2020 12:35 PM
To: Bunch, Cheryl <Cheryl.Bunch@dep.state.fl.us>; Watts, John <John.Watts@FloridaDEP.gov>; Steinbock, Bettina <Bettina.Steinbock@dep.state.fl.us>; Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Cc: Savage, Jacqueline <Jacqueline.Savage@dep.state.fl.us>; Barrington, John <John.Barrington@FloridaDEP.gov>; Storbeck, Julia <Julia.Storbeck@dep.state.fl.us>; Lurding, Kathleen <Kathleen.Lurding@dep.state.fl.us>; Wright, Colin <Colin.Wright@dep.state.fl.us>; Reistad, Nicole <Nicole.Reistad@FloridaDEP.gov>
Subject: RE: 21 cooler

Thanks everyone.

Kirby Wolfe
Team Lead
SROC - Environmental Assessment & Restoration
FL Department of Environmental Protection
South District Office
2295 Victoria AVE, Suite 364
Fort Myers, FL 33901
kirby.wolfe@floridadep.gov
Office: (239) 344-5719

----- Original message -----
From: "Bunch, Cheryl" <Cheryl.Bunch@dep.state.fl.us>
Date: 2/21/20 12:13 PM (GMT-05:00)
To: "Watts, John" <John.Watts@FloridaDEP.gov>, "Steinbock, Bettina" <Bettina.Steinbock@dep.state.fl.us>, "Reaves, Shawn D" <Shawn.Reaves@FloridaDEP.gov>
Cc: "Savage, Jacqueline" <Jacqueline.Savage@dep.state.fl.us>, "Barrington, John" <John.Barrington@FloridaDEP.gov>, "Storbeck, Julia" <Julia.Storbeck@dep.state.fl.us>, "Lurding, Kathleen" <Kathleen.Lurding@dep.state.fl.us>, "Wolfe, Kirby" <Kirby.Wolfe@FloridaDEP.gov>, "Wright, Colin" <Colin.Wright@dep.state.fl.us>, "Reistad, Nicole" <Nicole.Reistad@FloridaDEP.gov>
Subject: RE: 21 cooler

What a team! Thank you.

From: Watts, John
Sent: Friday, February 21, 2020 11:12 AM

To: Steinbock, Bettina <Bettina.Steinbock@dep.state.fl.us>; Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Cc: Savage, Jacqueline <Jacqueline.Savage@dep.state.fl.us>; Barrington, John <John.Barrington@FloridaDEP.gov>;
Storbeck, Julia <Julia.Storbeck@dep.state.fl.us>; Lurding, Kathleen <Kathleen.Lurding@dep.state.fl.us>; Wolfe, Kirby
<Kirby.Wolfe@FloridaDEP.gov>; Bunch, Cheryl <Cheryl.Bunch@dep.state.fl.us>; Wright, Colin
<Colin.Wright@dep.state.fl.us>; Reistad, Nicole <Nicole.Reistad@FloridaDEP.gov>
Subject: RE: 21 cooler

Thank you Bettina

Shawn please contact Julia this afternoon.

John Watts
FDEP Laboratories
Environmental Administrator
245-8077

From: Steinbock, Bettina <Bettina.Steinbock@dep.state.fl.us>
Sent: Friday, February 21, 2020 11:50 AM
To: Watts, John <John.Watts@FloridaDEP.gov>; Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Cc: Savage, Jacqueline <Jacqueline.Savage@dep.state.fl.us>; Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>;
Barrington, John <John.Barrington@FloridaDEP.gov>; Storbeck, Julia <Julia.Storbeck@dep.state.fl.us>
Subject: RE: 21 cooler

We will have Julia in by 10 am tomorrow. She and Jhamieka will be available to analyze nutrient short holds.
Please have the person picking up the coolers get in touch with Julia to coordinate today.

Bettina



Dr. Bettina Steinbock
Environmental Administrator
DEAR-Chemistry Program
Florida Department of Environmental Protection
Bettina.Steinbock@dep.state.fl.us
Office: 850.245.8087

From: Watts, John <John.Watts@FloridaDEP.gov>
Sent: Friday, February 21, 2020 11:13 AM
To: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Cc: Savage, Jacqueline <Jacqueline.Savage@dep.state.fl.us>; Steinbock, Bettina <Bettina.Steinbock@dep.state.fl.us>;
Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>; Barrington, John <John.Barrington@FloridaDEP.gov>
Subject: RE: 21 cooler

We're going to pick these up and log them in. Chlorophyll will get filtered. Unsure of short hold nutrients.

We will not be able to do the BODs. Setup for this is more involved, plus we are prepping for our TNI audit Mon-Wed.

John Watts
FDEP Laboratories
Environmental Administrator
245-8077

From: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Sent: Friday, February 21, 2020 10:40 AM
To: Watts, John <John.Watts@FloridaDEP.gov>; Bunch, Cheryl <Cheryl.Bunch@dep.state.fl.us>
Subject: RE: 21 cooler

Here's the RQ's that I have.

Caloosahatchee LTM
RQ-2020-02-10-10

SMP

RQ-2020-02-17-55

Kirby Wolfe
Team Lead
SROC - Environmental Assessment & Restoration
FL Department of Environmental Protection
South District Office
2295 Victoria AVE, Suite 364
Fort Myers, FL 33901
kirby.wolfe@floridadep.gov
Office: (239) 344-5719

From: Watts, John <John.Watts@FloridaDEP.gov>
Sent: Friday, February 21, 2020 10:28 AM
To: Bunch, Cheryl <Cheryl.Bunch@dep.state.fl.us>; Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Subject: RE: 21 cooler

Kirby or Cheryl, I did not hear from Barrington, Reistad or King, do you know what events they sampled yesterday? I have 7 stranded coolers that can be delivered by FedEx tomorrow and logged in BUT ONLY if they have shortholds. Let me know if you have any ideas where they sampled.

John Watts
FDEP Laboratories
Environmental Administrator
245-8077

From: Claudio Guillermo <cmguillermo@fedex.com>
Sent: Friday, February 21, 2020 9:23 AM
To: Watts, John <John.Watts@FloridaDEP.gov>
Subject: RE: 21 cooler

One of our planes from MEM was cancelled due to mechanical issues. Over 200 pieces for our station will be sent tomorrow.

From: Watts, John
Sent: Friday, February 21, 2020 9:42 AM
To: Barrington, John <John.Barrington@floridadep.gov>; Armstrong, Rick <RArmstrong@lee.gov>; King, Michael <Michael.King@dep.state.fl.us>; Reistad, Nicole <Nicole.Reistad@floridadep.gov>

Cc: Claudio Guillermo <cmguillermo@fedex.com>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Steinbock, Bettina <Bettina.Steinbock@dep.state.fl.us>

Subject: RE: 21 cooler

Can any of you tell me the RQs associated with these tracking numbers?

John Watts
FDEP Laboratories
Environmental Administrator
245-8077

From: Watts, John

Sent: Friday, February 21, 2020 8:37 AM

To: Barrington, John <John.Barrington@floridadep.gov>; Armstrong, Rick <RArmstrong@leegov.com>; King, Michael <Michael.King@dep.state.fl.us>; Reistad, Nicole <Nicole.Reistad@floridadep.gov>

Cc: Claudio Guillermo <cmguillermo@fedex.com>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>

Subject: FW: 21 cooler

Will check again later this morning to see if status has changed.

John Watts
FDEP Laboratories
Environmental Administrator
245-8077

From: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>

Sent: Friday, February 21, 2020 8:30 AM

To: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; McCoy, Ian <Ian.McCoy@FloridaDEP.gov>; Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>; Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>; Shaik, Amzad <Amzad.Shaik@dep.state.fl.us>; Watts, John <John.Watts@FloridaDEP.gov>

Subject: 21 cooler

21 cooler

Tracking ID	Latest activity	Ship date	Shipper name
119031614595	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	Matthew Bearden
127840108579	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	Alexander Miranda
127840108650	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	Mike Linger
127840109130	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	DAIRIN FLORES
127840115890	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	Jeremy Parrish
127840116636	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	James Parnell
127840116739	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	Jeremy Parrish
127840118742	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	Mehrdad Farhangmehr
127840119429	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	LINDA WILINSKI
127840119500	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	LINDA WILINSKI
127840119874	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	Matthew Sewell
127840119885	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	Matthew Sewell

127840119896	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	Matthew Sewell
127840120098	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	LINDA WILINSKI
127840115490	In transit;MEMPHIS, TN	2/20/2020	John Barrington
127840115504	In transit;MEMPHIS, TN	2/20/2020	John Barrington
127840115515	In transit;MEMPHIS, TN	2/20/2020	John Barrington
127840115813	In transit;MEMPHIS, TN	2/20/2020	Rick Armstrong
127840115835	In transit;MEMPHIS, TN	2/20/2020	Michael King
127840117437	In transit;MEMPHIS, TN	2/20/2020	NICOLE REISTAD
127840117448	In transit;MEMPHIS, TN	2/20/2020	NICOLE REISTAD



JOSHUA AYRES

Environmental Specialist III

DEP Laboratories

Voice: 850.245.8206

Joshua.Ayres@dep.state.fl.us

Reaves, Shawn D

From: Barrington, John
Sent: Monday, February 24, 2020 9:33 AM
To: Reaves, Shawn D
Cc: Wolfe, Kirby
Subject: Re: 21 cooler

Negative, I don't need the data. Just needed to know what was qualified so I can report it to the project coordinator to determine if I will need to schedule a resample for the affected analytes.

Thanks,
John

From: Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Sent: Monday, February 24, 2020 9:10:41 AM
To: Barrington, John <John.Barrington@FloridaDEP.gov>
Subject: FW: 21 cooler

Good Morning John,

The samples collected at 11:40 and after were catch in time for W-PO4-F. The sample collected at 10:20 and 10:45 for the CHLSUITE-W were catch in time. The BOD samples will receive a No Result. Would you like the qualified data for the following site below?

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G3SD0108
G3SD0109

Field ID: W-P04-F
G3SD0108
G3SD0109
G3SD0110
G3SD0111
G3SD0112
G3SD0113
G3SD0114

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

From: Watts, John <John.Watts@FloridaDEP.gov>
Sent: Monday, February 24, 2020 8:10 AM
To: Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
Subject: FW: 21 cooler

Will you reply to John Barrington.

John Watts
FDEP Laboratories
Environmental Administrator
245-8077

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Sent: Monday, February 24, 2020 7:29 AM
To: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>; Watts, John <John.Watts@FloridaDEP.gov>
Cc: Snorek, Gary <Gary.Snorek@dep.state.fl.us>; Hormuth, Chris <Chris.Hormuth@FloridaDEP.gov>
Subject: RE: 21 cooler

John,

Can you confirm the short hold analytes were logged in within their hold times? I know BOD was likely not done.

Thanks,
John

From: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Sent: Friday, February 21, 2020 12:35 PM
To: Bunch, Cheryl <Cheryl.Bunch@dep.state.fl.us>; Watts, John <John.Watts@FloridaDEP.gov>; Steinbock, Bettina <Bettina.Steinbock@dep.state.fl.us>; Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>
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Subject: RE: 21 cooler

Thanks everyone.

Kirby Wolfe
Team Lead
SROC - Environmental Assessment & Restoration
FL Department of Environmental Protection
South District Office
2295 Victoria AVE, Suite 364
Fort Myers, FL 33901
kirby.wolfe@floridadep.gov
Office: (239) 344-5719

----- Original message -----

From: "Bunch, Cheryl" <Cheryl.Bunch@dep.state.fl.us>

Date: 2/21/20 12:13 PM (GMT-05:00)

To: "Watts, John" <John.Watts@FloridaDEP.gov>, "Steinbock, Bettina" <Bettina.Steinbock@dep.state.fl.us>, "Reaves, Shawn D" <Shawn.Reaves@FloridaDEP.gov>

Cc: "Savage, Jacqueline" <Jacqueline.Savage@dep.state.fl.us>, "Barrington, John" <John.Barrington@FloridaDEP.gov>, "Storbeck, Julia" <Julia.Storbeck@dep.state.fl.us>, "Lurding, Kathleen" <Kathleen.Lurding@dep.state.fl.us>, "Wolfe, Kirby" <Kirby.Wolfe@FloridaDEP.gov>, "Wright, Colin" <Colin.Wright@dep.state.fl.us>, "Reistad, Nicole" <Nicole.Reistad@FloridaDEP.gov>

Subject: RE: 21 cooler

What a team! Thank you.

From: Watts, John

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To: Steinbock, Bettina <Bettina.Steinbock@dep.state.fl.us>; Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>

Cc: Savage, Jacqueline <Jacqueline.Savage@dep.state.fl.us>; Barrington, John <John.Barrington@FloridaDEP.gov>; Storbeck, Julia <Julia.Storbeck@dep.state.fl.us>; Lurding, Kathleen <Kathleen.Lurding@dep.state.fl.us>; Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>; Bunch, Cheryl <Cheryl.Bunch@dep.state.fl.us>; Wright, Colin <Colin.Wright@dep.state.fl.us>; Reistad, Nicole <Nicole.Reistad@FloridaDEP.gov>

Subject: RE: 21 cooler

Thank you Bettina

Shawn please contact Julia this afternoon.

John Watts

FDEP Laboratories

Environmental Administrator

245-8077

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Subject: RE: 21 cooler

We will have Julia in by 10 am tomorrow. She and Jhamieka will be available to analyze nutrient short holds. Please have the person picking up the coolers get in touch with Julia to coordinate today.

Bettina



Dr. Bettina Steinbock

Environmental Administrator

DEAR-Chemistry Program

Florida Department of Environmental Protection

Bettina.Steinbock@dep.state.fl.us

Office: 850.245.8087

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Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>; Barrington, John <John.Barrington@FloridaDEP.gov>

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SMP

RQ-2020-02-17-55

Kirby Wolfe

Team Lead

SROC - Environmental Assessment & Restoration

FL Department of Environmental Protection

South District Office

2295 Victoria AVE, Suite 364

Fort Myers, FL 33901

kirby.wolfe@floridadep.gov

Office: (239) 344-5719

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Environmental Administrator
245-8077

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Cc: Claudio Guillermo <cmguillermo@fedex.com>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Steinbock, Bettina <Bettina.Steinbock@dep.state.fl.us>
Subject: RE: 21 cooler

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John Watts
FDEP Laboratories
Environmental Administrator
245-8077

From: Watts, John
Sent: Friday, February 21, 2020 8:37 AM
To: Barrington, John <John.Barrington@floridadep.gov>; Armstrong, Rick <RArmstrong@leegov.com>; King, Michael <Michael.King@dep.state.fl.us>; Reistad, Nicole <Nicole.Reistad@floridadep.gov>
Cc: Claudio Guillermo <cmguillermo@fedex.com>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: FW: 21 cooler

Will check again later this morning to see if status has changed.

John Watts
FDEP Laboratories
Environmental Administrator
245-8077

From: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Sent: Friday, February 21, 2020 8:30 AM
To: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; McCoy, Ian <Ian.McCoy@FloridaDEP.gov>; Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>; Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>; Shaik, Amzad <Amzad.Shaik@dep.state.fl.us>; Watts, John <John.Watts@FloridaDEP.gov>
Subject: 21 cooler

21 cooler

Tracking ID	Latest activity	Ship date	Shipper name
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127840109130	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	DAIRIN FLORES
127840115890	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	Jeremy Parrish
127840116636	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	James Parnell
127840116739	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	Jeremy Parrish
127840118742	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	Mehrdad Farhangmehr
127840119429	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	LINDA WILINSKI
127840119500	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	LINDA WILINSKI
127840119874	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	Matthew Sewell
127840119885	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	Matthew Sewell
127840119896	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	Matthew Sewell
127840120098	In transit;At destination sort facility;TALLAHASSEE, FL	2/20/2020	LINDA WILINSKI
127840115490	In transit;MEMPHIS, TN	2/20/2020	John Barrington
127840115504	In transit;MEMPHIS, TN	2/20/2020	John Barrington
127840115515	In transit;MEMPHIS, TN	2/20/2020	John Barrington
127840115813	In transit;MEMPHIS, TN	2/20/2020	Rick Armstrong
127840115835	In transit;MEMPHIS, TN	2/20/2020	Michael King
127840117437	In transit;MEMPHIS, TN	2/20/2020	NICOLE REISTAD
127840117448	In transit;MEMPHIS, TN	2/20/2020	NICOLE REISTAD



JOSHUA AYRES

Environmental Specialist III

DEP Laboratories

Voice: 850.245.8206

joshua.Ayres@dep.state.fl.us

RQ-2020-02-10-10

Login Checklist

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 2-22-2020/9:45

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
0.3				28		✓			127840115504	
1.8				20		✓			127840115490	
0.8				20		✓			12784011545515	
									2-24-2020	

*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

****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:

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: SR

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

Coolers Unpacked/Checked by: SR Date: 2-22-2020 NCRs (Y/N)? Y

Event ID: CALOOSA LT
SO-DIST-2020-02-22-01 (BMAP)

NCR # 8203

Login 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

Additional Comments:

Infrared Thermometer ID:	#4 Exp: 11-05-2020
pH Test Strips 0 – 6 Lot #	213316 AV / Exp: 5-15-2020
pH Paper 0 – 3 Lot #	N/A
pH Paper 0 – 13 Lot #	215517 / Exp: 6-1-2020
Chlorine Test Strips Lot #	8261 / Exp: 7-30-21

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: SO-DIST

Requester: John Barrington

Field Report Prepared By:

JOHN BARRINGTON

Project ID: BMAP

Collected By:

NICOLE REISD

Sampling Agency:

FDEP SOROC

Field ID/WIN ID G3SD0108	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/2/20 Time 0940	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Location USGS Station-Punta Blanca	Matrix (type, e.g., Salt, Fresh, etc) SALT	Diss. Oxygen 6.60	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Latitude ☐ dd ☐ dms	Temp (C) 25.9	pH 7.78	Sample Depth 0.3	Sp. Conductance (umho/cm) 38060	
Longitude ☐ dd ☐ dms	Salinity (ppt) 24.14	Comments			
Field ID/WIN ID G3SD0109	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/2/20 Time 1000	Eastern Central	Composite end Date Time	Bottle Group(s)
Location USGS Station-Shell Point	Matrix (type, e.g., Salt, Fresh, etc) SALT	Diss. Oxygen 6.52	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Latitude ☐ dd ☐ dms	Temp (C) 25.9	pH 7.82	Sample Depth 0.3	Sp. Conductance (umho/cm) 37720	
Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			
Field ID/WIN ID G3SD0110	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/2/20 Time 1020	Eastern Central	Composite end Date Time	Bottle Group(s)
Location Marker # 76	Matrix (type, e.g., Salt, Fresh, etc) SALT	Diss. Oxygen 6.88	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Latitude ☐ dd ☐ dms	Temp (C) 25.8	pH 7.84	Sample Depth 0.3	Sp. Conductance (umho/cm) 29277	
Longitude ☐ dd ☐ dms	Salinity (ppt) 8.06	Comments			
Field ID/WIN ID G3SD0111	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/2/20 Time 1045	Eastern Central	Composite end Date Time	Bottle Group(s)
Location Marker # 52	Matrix (type, e.g., Salt, Fresh, etc) SALT	Diss. Oxygen 7.67	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Latitude ☐ dd ☐ dms	Temp (C) 26.3	pH 8.00	Sample Depth 0.3	Sp. Conductance (umho/cm) 15019	
Longitude ☐ dd ☐ dms	Salinity (ppt) 8.73	Comments			

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

JOHN BARRINGTON

2/2/20 1530

FEDEX

3

SR

2-22-2020/9:45

4 CHL
2/22/20 10:14 am

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-ICE	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					
SA9301030 NA9301040					
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-ICE	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

Requester: John Barrington

Field Report Prepared By: John Barrington

Project ID: BMAP

Collected By: NICOLE RASTAD

Sampling Agency: FRY SURVE

Field ID/WIN ID G3SD0112 US 41, Marker # 38	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/20/20 Time 1105	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Location Matrix (type, e.g., Salt, Fresh, etc) SALT	Diss. Oxygen 8.19	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	Temp (C) 26.5	pH 8.10
Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 9189	B		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 5.1	Comments		
Field ID/WIN ID G3SD0113 Marker # 28	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/20/20 Time 1113	Eastern Central	Composite end Date Time	Bottle Group(s)
Location Matrix (type, e.g., Salt, Fresh, etc) SALT	Diss. Oxygen 7.15	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	Temp (C) 26.2	pH 7.88
Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 5984	B		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 3.98	Comments		
Field ID/WIN ID G3SD0114 Marker # 22	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/20/20 Time 1130	Eastern Central	Composite end Date Time	Bottle Group(s)
Location Matrix (type, e.g., Salt, Fresh, etc) SALT	Diss. Oxygen 8.11	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	Temp (C) 25.5	pH 7.97
Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 4338	B		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 2.30	Comments		
Field ID/WIN ID G3SD0115 Old Swing Bridge	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/20/20 Time 1140	Eastern Central	Composite end Date Time	Bottle Group(s)
Location Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 8.11	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	Temp (C) 25.2	pH 8.11
Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 3615	B		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 1.90	Comments		

Relinquished By: John Barrington	Date/Time 2/20/20 1530	Shipping Method FedEx	Number of Coolers Shipped: 3	Received By: SR	Date/Time 2-22-2020/9:45
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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					

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SO-DIST

Requester: John Barrington

Field Report Prepared By: John Barrington

Project ID: BMAP

Collected By: Nicole Reisd

Sampling Agency: FDEP SCLC

Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/20/20 Time 1200	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID	Location	G3SD0116		Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 7.27	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/ST	MidChannel@OrangeRiver			Temp (C) 25.6	pH 7.87	Sample Depth 0.3	Sp. Conductance (umho/cm) 339	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 1.77	Comments			B
Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/20/20 Time 1212	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	Location	G3SD0117		Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 9.94	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/S	Upstream of Power Plant			Temp (C) 25.3	pH 8.16	Sample Depth 0.3	Sp. Conductance (umho/cm) 3140	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 1.63	Comments			B
Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/20/20 Time 1225	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	Location	G3SD0118		Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 9.91	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/ST	Mid Channel off Oxbow			Temp (C) 25.7	pH 8.17	Sample Depth 0.3	Sp. Conductance (umho/cm) 3134	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 1.63	Comments			B
Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/20/20 Time 1235	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	Location	G3SD0119		Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 7.91	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STOP	Mid channel off point			Temp (C) 24.8	pH 7.99	Sample Depth 0.3	Sp. Conductance (umho/cm) 3500	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 1.84	Comments			B

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
John Barrington	2/20/20 1530	FEDX	3	GR	2-22-2020/9:45

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: 08-JAN-2020
 Created By: BARRINGT_J On: 08-JAN-2020
 Modified By: JASROTIA_P On: 21-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

Program Module Number:

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 21-JAN-2020
 Biology Request Reviewed By: JASROTIA_P On: 21-JAN-2020
 Sampling Kit Required: YES Ship on: 31-JAN-2020
 Sampling Kit Shipped: YES On: 31-JAN-2020
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: YES
 Date to Receive Samples: 10-FEB-2020
 Received By:

Send Final Report To:

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

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 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 CaCO ₃ /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-125ML	Number of Bottles: 4	Preserved With: FILTER-H ₂ SO ₄ -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: HNO ₃
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 Type: P-500ML	Number of Bottles: 4	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

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-500ML	Number of Bottles: 4	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: 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-2011) 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-2011) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices