Klug, Kyle

From: Bates, Elizabeth
Sent: Wednesday, June 23, 2021 11:10 AM
To: Klug, Kyle
Cc: Riordan, Terry; Boman, Leif; Bearden, Matthew
Subject: Re: RQ-2021-04-12-32 COC

The collection time is correct for Faulk canal. 1310

Get Outlook for iOS

From: Bates, Elizabeth <Elizabeth.Bates@FloridaDEP.gov>
Sent: Wednesday, June 23, 2021 11:09:21 AM
To: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Cc: Riordan, Terry <Terry.Riordan@FloridaDEP.gov>; Boman, Leif <Leif.Boman@FloridaDEP.gov>; Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>
Subject: Re: RQ-2021-04-12-32 COC

The collection time is incorrect for blanket bay. It should be 11:20

Get Outlook for iOS

From: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Sent: Wednesday, June 23, 2021 11:06:47 AM
To: Bates, Elizabeth <Elizabeth.Bates@FloridaDEP.gov>
Cc: Riordan, Terry <Terry.Riordan@FloridaDEP.gov>; Boman, Leif <Leif.Boman@FloridaDEP.gov>; Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>
Subject: RE: RQ-2021-04-12-32 COC

Good morning,

Will you please send me the collection times for these 2 sites?

Thank you,
Kyle

From: Bates, Elizabeth <Elizabeth.Bates@FloridaDEP.gov>
Sent: Tuesday, June 22, 2021 2:54 PM
To: Lab.Receiving <Lab.Receiving@floridadep.gov>
Cc: Riordan, Terry <Terry.Riordan@FloridaDEP.gov>; Boman, Leif <Leif.Boman@FloridaDEP.gov>; Bearden, Matthew <Matthew.Bearden@dep.state.fl.us>
Subject: RQ-2021-04-12-32 COC

Attached is the COC for RQ-2021-04-12-32.
*Please note: for site G3CE0016 the W-NH3,W-NO2NO3, W-S-A-TP, W-TKN, W-TOC bottle came as a P-1L plastic bottle but was labeled as the normal P-500mL bottle.
I dumped half of the sampling water out and acidified appropriately.

Login Checklist

RQ- 2021-04-12-32 Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 6/ 23 /21 @ 9:25

*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	
3.4				12		✓			9293 8014 3347

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 X

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: KK

Chlorine detected? *(One container checked per Field ID)* Yes____ No____ Init:____

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: KK

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

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

Coolers Unpacked/Checked by: KK **Date:** 6/ 23 /21 **Event contains NCRs (Y/N)?** N

Event ID: Blanket Bay/Dead River
CEN-DIST-2021-06-23-02 (SMP)
Date Received: 23-JUN-2021 09:25

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
Infrared Thermometer ID:	IR TEMP GUN #5 EXP:10-28-21
pH Test Strips 0 – 6	Lot#210620 EXP:4-15-23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#210620 EXP:4-15-23
Chlorine Test Strips	Lot#0261 EXP:5-23

Additional Comments:

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: _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 6/22/2021
Customer: CEN-DIST

RQ: RQ-2021-04-12-32

Collected By: Elizabeth Bates,Terry Riordan
Sampling Agency: FDEP

Project ID: SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

Number of Coolers Shipped: 1

Delivery Method: FedEx

FIELD ID (Labels) submitted under this RQ for this collection date.

Site Location	Field ID/WIN ID
Blanket Bay Slough @ SR 60	G4CE0180
Falk Canal @ 50m upstream of Fiske Blvd	G3CE0016

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 6/22/2021 1600 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: HK

Rec'd/Inspected Date: 6·23·21/0925

RQ-2021-04-12-32	**Collected By:** 6/22/2021 1600
Customer: FDEP	**Field Report Prepared by:** 6/22/2021 1600
Project ID: SMP	**Sampling Agency:** FDEP
WIN ID/Field ID:	**Comments:**
WIN ID/Field ID: G4CE0180	
Location: Blanket Bay Slough @ SR 60	
Matrix: Fresh	(Check One) ✓Grab ☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTh
6/22/2021 1600	4.01	49.3	25.8	6.89	0.308	0.6	1.5	317.6	0.15
Central Lab please use top row for login purposes									

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	X W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP Lot # Sa1105060 Exp: 4/30/22	X Ice X H2SO4*	<2	1	A
Metals (P-500ML)	W-ICPMS W-ICP W-HARD Lot # Exp:	Ice HNO3*	<2		
Filtered Nutrients (P125ML)	X W-PO4-F X Field Filtered 0.45 um Filter Filter Lot # 17135566 Syringe Lot # 1091364	X Ice		1	A
Chlorophyll (BP-1L)	X CHLSUITE-W	X Ice		1	A
Physical/Aggregate (Fresh) (P-1L)	X Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS	X Ice		1	A
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	Ice			
Macroinvertebrates (PJ-2L)	MI-FW-QLDC	Ice			
Periphyton (PT-50ML)	ALGAE-ID	Ice			
Microbiology (Contract Lab Bottle)	X E Coli F Coli Enterococci Contract Lab	X Ice		1	A
Molecular (QPCR-P-500ML)	PCR-HF183 PCR-BacR PCR-DG3 PCR-GULL2 PCR-GFD	Ice			
Tracers (BG-500ML)	W-E8321-DI W-E8321-MS	Ice			
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI W-E8321-MS W-PSNP-TQ W-DIELDRIN W-PCL-TQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution) W-CT-CL-R	Ice			
Phytoplankton	DTY-QN-C PKD-QN-BV	Ice			

RQ-2021-04-12-32	**Collected By**: Elizabeth Bates,Terry Riordan
Customer: FDEP	**Field Report Prepared by**: Elizabeth Bates,Terry Riordan
Project ID: SMP	**Sampling Agency**: FDEP
WIN ID/Field ID: **WIN ID/Field ID:** G3CE0016 **Location**: Falk Canal @ 50m upstream of Fiske Blvd	**Comments:**
Matrix: Fresh	(Check One) ✓Grab ☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTh
6/22/2021 1310	2.55	32.3	27.4	6.44	0.15	0.3	0.3	700	0.34
Central Lab please use top row for login purposes									

Parameter Suite	Parameter Methods	Preservation	pH Check		# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	X W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP **Lot #** Sa1105060 **Exp:** 4/30/22	X Ice X H2SO4*	X	<2	1	A
Metals (P-500ML)	W-ICPMS W-ICP W-HARD **Lot #** **Exp:**	Ice HNO3*		<2		
Filtered Nutrients (P125ML)	X W-PO4-F X Field Filtered 0.45 um Filter **Filter Lot #** 17135566 **Syringe Lot #** 1091364	X Ice			1	A
Chlorophyll (BP-1L)	X CHLSUITE-W	X Ice			1	A
Physical/Aggregate (Fresh) (P-1L)	X Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS	X Ice			1	A
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	Ice				
Macroinvertebrates (PJ-2L)	MI-FW-QLDC	Ice				
Periphyton (PT-50ML)	ALGAE-ID	Ice				
Microbiology (Contract Lab Bottle)	X E Coli F Coli Enterococci Contract Lab	X Ice			1	A
Molecular (QPCR-P-500ML)	PCR-HF183 PCR-BacR PCR-DG3 PCR-GULL2 PCR-GFD	Ice				
Tracers (BG-500ML)	W-E8321-DI W-E8321-MS	Ice				
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI W-E8321-MS W-PSNP-TQ W-DIELDRIN W-PCL-TQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution) W-CT-CL-R	Ice				
Phytoplankton	DTY-QN-C PKD-QN-BV	Ice				

RQ-2021-04-12-32

Date of Request: 12-MAR-2021
Created By: BOMAN_L On: 12-MAR-2021
Modified By: JASROTIA_P On: 19-MAR-2021
Customer: CEN-DIST
Project: SMP
Division:
District: Central District
Event Description: Blanket Bay/Dead River

Send Coolers To:

Phone: 407-897-4178
FL Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767
Attn: Natalie Ayala
Cooler Ship EMail: natalie.ayala@dep.state.fl.us

Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 18-MAR-2021
Biology Request Reviewed By: JASROTIA_P On: 19-MAR-2021
Sampling Kit Required: YES Ship on: 02-APR-2021
Sampling Kit Shipped: YES On: 29-MAR-2021
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: NO
Date to Receive Samples: 12-APR-2021
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: Blanket Bay
Bottle Group B: Dead River

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L — Number of Bottles: 2 — 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 Color (true)	Template: DEFAULT	(SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
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: 2 — Preserved With: ICE

CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-250ML-WO-THI — Number of Bottles: 2 — Preserved With: ICE

ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Type: P-500ML — Number of Bottles: 2 — 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: 2 — 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 1 Samples:

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: 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-250ML-WO-THI Number of Bottles: 1 Preserved With: ICE

ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

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

Cooler Packing Worksheet for Request: RQ-2021-04-12-32
Blanket Bay/Dead River
Ship Cooler On: 4/2/2021
Customer/Project: CEN-DIST/SMP

Assigned To: SHAIK_A
Requester: Leif Boman
Priority: 3

407-897-4178
FL Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767

Attn: Natalie Ayala

Comments:
No preservatives needed.

Bottle Group A: Blanket Bay
Bottle Group B: Dead River

Requested Analyses:

Bottle Group: A # of Sites: 2

Container ID: P-1L **Qty: 2** **Preservation: ICE** **Lot #** 0079762

Description: Plastic Bottle 1L

Analysis	Description
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices
W-CL-IC	Chloride in aqueous matrices
W-COLOR	True Color measured at 450 nm (not valid for NPDES monitoring)
W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Sulfate in aqueous matrices
W-TDS	Total Dissolved Solids in aqueous matrices
W-TSS	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L **Qty: 2** **Preservation: ICE** **Lot #** 293139

Description: Brown Plastic Bottle 1L

Analysis	Description
CHLSUITE-W	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WO-THI **Qty: 2** **Preservation: ICE** **Lot #** L20675

Description: 250 ml Sterilized no tablet

Analysis	Description
ECOLI-18QT	Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

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Container ID: P-500ML **Qty: 2** **Preservation: ICE And H2SO4** **Lot #** 0074433

Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis	Description
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML **Qty: 2** **Preservation: FILTER-ICE** **Lot #** 79474

Description: Plastic Bottle 125 mL

Analysis	Description
W-PO4-F	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 #** 0007976 2

Description: Plastic Bottle 1L

Analysis	Description
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices
W-CL-IC	Chloride in aqueous matrices
W-COLOR	True Color measured at 450 nm (not valid for NPDES monitoring)
W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Sulfate in aqueous matrices
W-TDS	Total Dissolved Solids in aqueous matrices
W-TSS	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

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Container ID: BP-1L **Qty: 1** **Preservation: ICE** **Lot #** 22363 9

Description: Brown Plastic Bottle 1L

Analysis	Description
CHLSUITE-W	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WO-THI **Qty: 1** **Preservation: ICE** **Lot #** L2975

Description: 250 ml Sterilized no tablet

Analysis	Description
ECOLI-18QT	Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Container ID: BG-500ML **Qty: 4** **Preservation: ICE** **Lot #** [illegible]79429

Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis	Description
W-CT-CI-R	Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization

Container ID: P-500ML **Qty: 1** **Preservation: ICE And H2SO4** **Lot #** [illegible]74433

Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis	Description
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML **Qty: 1** **Preservation: FILTER-ICE** **Lot #** [illegible]79474

Description: Plastic Bottle 125 mL

Analysis	Description
W-PO4-F	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: _____ Number of Coolers: #2 Date: 3-29-21

Kit must also include:
- ✓ Field Sheets
- ✓ Temperature Control Bottle
- ✓ FedEx Bills, if applicable
- ✓ Plastic Bags/Zip Ties
- X 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-2021-04-12-32