

RQ- 2019-04-01-42

Log-in Checklist

Login Station ID: #2Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 4-4-19/10:20

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
<u>0.4</u>			<u>8</u>		☒			

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked below, fill out the back of this form (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

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: SR

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		☒
W-PFAS-MS					

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ☐ No ☐ NA ☒ Init:

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

Coolers Unpacked/Checked by: SR Date: 4-4-19 NCRs (Y/N)? Y

Event ID: PAGE RUN
NW-DIST-2019-04-03-01 (SMP) NCR #

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_02_2018EXP:4/27/19
pH Paper 0.0 – 3.0 Lot #	220416A EXP:7-30-20
pH Paper 0 – 13 Lot #	222516 EXP:08-15-19
Chlorine Test Strips Lot #	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 _____ No i

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: _____

Reaves, Shawn D

From: King, Michael
Sent: Wednesday, April 3, 2019 1:07 PM
To: Reaves, Shawn D
Subject: Re: RQ-2019-04-01-42

Yes please run if in temperature

Get [Outlook for iOS](#)

From: Reaves, Shawn D
Sent: Wednesday, April 3, 2019 11:42:29 AM
To: King, Michael
Subject: RQ-2019-04-01-42

Mike,

I wanted to let you know that we didn't receive one of the coolers for RQ-2019-04-01-42. If the cooler is in temperature would still the sample data qualified?

Shawn D. Reaves
DEP-Lab Support
Lab Tech IV
Office: 850-245-8082
Direct: 58082



Do Not Lift Using This Tag

ORIGIN ID: TLHA (850) 595-0673
MICHAEL KING
FLORIDA DEP-NORTHWEST DISTRICT
160 GOVERNMENT CENTER SUITE 208 A

SHIP DATE: 19MAR19
ACTWGT: 15.00 LB MAN
CAD: 0446970/CAFE3211

PENSACOLA, FL 325025794
UNITED STATES US

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

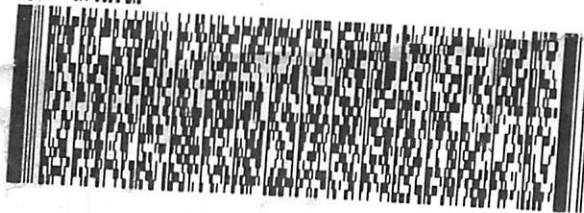
TALLAHASSEE FL 32399

(850) 245-8077

REF:

DEPT:

RMA: ||| ||| |||



FedEx
Express



FedEx

TRK#
0221

4751 8777 9007

WED - 03 APR 10:30A
PRIORITY OVERNIGHT

XH TLHA

32399

FL-US
TLH



EID 3729811 02APR19 PNSA 553C1/D7E5/0C8A

RQ-2019-04-01-42

Log-in Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 4-3-19/9:55

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
2.4			8		✓			
-0.4			11		✓			
3.1			10		✓			

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked below, fill out the back of this form (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

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: SR

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			✓
W-PFAS-MS						

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: 4-3-19

NCRs (Y/N)? NY SR

Event ID: PACE RUN
NW-DIST-2019-04-03-01 (SMP)

NCR # 7587

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_02_2018EXP:4/27/19
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	222516 EXP:08-15-19
Chlorine Test Strips Lot #	8261 EXP: 07/2021

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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: _____

PACE RUN

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

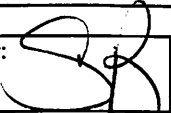
Field Report Prepared By: N. Malley

Project ID: SMP

Collected By: Nathan Malley / Mike King

Sampling Agency: NWROC

Location	Field/WIN ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/2/19 Time 0915	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)	
Field ID	Location:	G4NW0434	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 9.37	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/S	Big Coldwater Creek (east fork) upstream of Springhill Rd		Temp (C) 14.6	pH 4.54	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 20.0	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Location	Field/WIN ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/2/19 Time 0920	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID	Location:	G4NW0434_DUP	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/S	Big Coldwater Creek (east fork) upstream of Springhill Rd		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Location	Field/WIN ID →		☐ Comp ☐ Grab	Collection (comp begin or grab) Date 4/2/19 Time 0925	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID	Location:	FB_04022019	Matrix (type, e.g., Salt, Fresh, etc) Field Blank		Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/S	Big Coldwater Creek (east fork) upstream of Springhill Rd		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Location	Field/WIN ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/2/19 Time 0940	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID	Location:	G4NW0435	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 9.17	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/S	Manning Creek upstream of Manning Creek Rd		Temp (C) 14.9	pH 5.01	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 41.0	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By: 	Date/Time 4/2/19	Shipping Method Fed Ex	Number of Coolers Shipped: 4	Received By: 	Date/Time 4-3-19/9155
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	NW-UWF-ECQ						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
	W-CARB-AA						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 6	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						

Group: A	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>4</u>
Group: B	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: B	Bottle Type: NW-UWF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>2</u>
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: C		P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>1</u>

Group: C	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					
	W-TKN					
	W-TOC					

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

Florida Department of Environmental Protection

Central Laboratory Submittal Form

PACE RUN

Customer: NW-DIST

Requester: Michael King

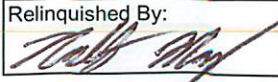
Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Local	Field/WIN ID →				☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern Central		Composite end		Bottle Group(s)		
Field	Location:		G4NW0436		Date		Time		Date		Time		(See pg 2)		
WIN/	Big Coldwater Creek West Fork upstream of Walling Rd				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)				
					Temp (C)		pH		Sample Depth		☐ ft ☒ m		Sp. Conductance (umho/cm)		
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments					
Location					☐ Comp ☐ Grab		Collection (comp begin or grab)		Eastern Central		Composite end Date Time		Bottle Group(s)		
Field ID					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)				
WIN/STORET #					Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)		
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments					
Location					☐ Comp ☐ Grab		Collection (comp begin or grab)		Eastern Central		Composite end Date Time		Bottle Group(s)		
Field ID					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)				
WIN/STORET #					Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)		
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments					
Location					☐ Comp ☐ Grab		Collection (comp begin or grab)		Eastern Central		Composite end Date Time		Bottle Group(s)		
Field ID					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)				
WIN/STORET #					Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)		
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments					
Location					☐ Comp ☐ Grab		Collection (comp begin or grab)		Eastern Central		Composite end Date Time		Bottle Group(s)		
Field ID					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)				
WIN/STORET #					Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)		
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	4/2/19	Fed Ex		SR	4-3-19/9:55

Group: A	Bottle Type:	P-1L	# of Bottles: 2	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	NW-UWF-ECQ						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
	W-CARB-AA						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-CT-CI-R W-PCL-SQ-R						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						

Group: A	Bottle Type: BG-1L	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
W-PSNP-TQ					
Group: B	Bottle Type: P-1L	# of Bottles: 4	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: BP-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	
CHLSUITE-W					
Group: B	Bottle Type: TEST HAS NO BOTTLE	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	
NW-UWF-ECQ					
Group: B	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: B	Bottle Type: P-125ML	# of Bottles: 4	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	
W-PO4-F					
Group: C	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: C	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	

Group: C 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
W-TKN
W-TOC

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

W-PO4-F

Document Reference # 05 1 0

✓✓

Date/Time: 4/2/19 11:50

CST

19-44990	G4NW0436 Big Coldwater Creek (West Fork)	Freshwater	SW	G	Sterile plastic	Escherichia Coli 18-QT	ice/Na2S2O3	5.2	4/2/19/1005
19-44991	G4NW0434 Big Coldwater Creek (East fork)	Freshwater	SW	G	Sterile plastic	Escherichia Coli 18-QT	ice/Na2S2O3	3.3	0915
19-44992	G4NW0435 Manning Creek	Freshwater	SW	G	Sterile plastic	Escherichia Coli 18-QT	ice/Na2S2O3	3.5	0940
	G4NW0337 Mash Branch	Freshwater	SW	G	Sterile plastic	Escherichia Coli 18-QT	ice/Na2S2O3		
19-44993	G4NW0434 DUP Big Coldwater	Freshwater	SW	G	Sterile	E Coli	ice	3.1	4/2/19/0920

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

Date of Request: 14-MAR-2019
 Created By: KING_M On: 14-MAR-2019
 Modified By: JASROTIA_P On: 14-MAR-2019
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: PACE RUN

Send Coolers To:

Phone: 850-595-0605
 160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Michael King

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 14-MAR-2019
 Biology Request Reviewed By: JASROTIA_P On: 14-MAR-2019
 Sampling Kit Required: YES Ship on: 22-MAR-2019
 Sampling Kit Shipped: YES On: 19-MAR-2019
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 01-APR-2019
 Received By:

Send Final Report To:

160 Government Center
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: Group A: [WBID 127, 11] Nutrients, Metals, Pesticides, Contract Lab Bacteria
 Group B: [WBID 18A 292 316 Duplicate] Nutrients, Contract Lab Bacteria
 Group C: Nutrients no chlorophyll
 Packing notes:
 Requesting 20-30 extra ZIP TIES

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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: BG-1L	Number of Bottles: 6	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270D) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
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: TEST HAS NO	Number of Bottles: 2	Preserved With: ICE

Bottle Group A (Water) With 2 Samples:

Bottle Type: TEST HAS NO	Number of Bottles: 2	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: BG-500ML	Number of Bottles: 2	Preserved With: CH2CICOOH Pre-Preserved
W-CARB-AA	Template: DEFAULT	(EPA 8321B) Carbamates in water matrices by HPLC/MS/MS
Bottle Type: BG-500ML	Number of Bottles: 6	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 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM
Bottle Type: BG-500ML	Number of Bottles: 2	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: 2	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
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*Boron
Aluminum
Antimony
Arsenic
Cadmium
Chromium
Copper
Lead
Nickel
Selenium
Silver
Thallium

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-00) 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 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) 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) 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-SO4-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: 4	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: 4	Preserved With: ICE

Bottle Group B (Water) With 4 Samples:

Bottle Type: TEST HAS NO	Number of Bottles: 4	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: 4	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) 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 C (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 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) 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-SO4-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 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-00) 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.

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ORIGIN ID: TLHA (850) 595-0673
MICHAEL KING
FLORIDA DEP-NORTHWEST DISTRICT
160 GOVERNMENT CENTER SUITE 208 A

SHIP DATE: 19MAR19
ACTWGT: 10.00 LB MAN
CAD: 0446970/CAFE3211

PENSACOLA, FL 325025794
UNITED STATES US

TO **JOHN WATTS**
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8077

REF:

DEPT:

RMA: ||| |||||



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551C1/4603/104C

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ORIGIN ID: TLHA (850) 595-0673
MICHAEL KING
FLORIDA DEP-NORTHWEST DISTRICT
160 GOVERNMENT CENTER SUITE 208 A
PENSACOLA, FL 325025794
UNITED STATES US

SHIP DATE: 19MAR19
ACTWGT: 15.00 LB MAN
CAD: 0446970/CAFE3211

TO **JOHN WATTS**
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

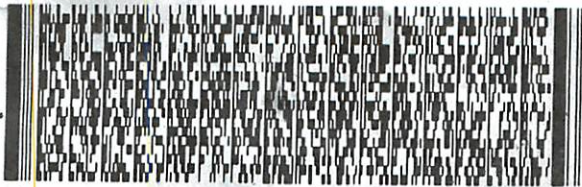
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ORIGIN ID: TLHA (850) 595-0673
MICHAEL KING
FLORIDA DEP-NORTHWEST DISTRICT
160 GOVERNMENT CENTER SUITE 208 A

SHIP DATE: 19MAR19
ACTWGT: 10.06 LB MAN
CAD: 0446970/CAFE3211

PENSACOLA, FL 325025794
UNITED STATES US

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FLORIDA DEP/CHEMISTRY SECTION
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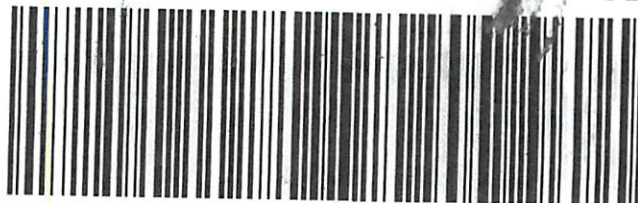
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