

RQ- 2019-03-04-13

Log-in Checklist

Login Station ID: # 3Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 03/12/2019 / 10:15

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>3.7C</u>			<u>19</u>		<u>X</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 X No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No Date 3-12-19

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No X If yes, is it intact? Yes No

**Caps on tight? Yes X No **Containers intact? Yes X No

**Sufficient Sample Volume: Yes X No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes No Init: ABS

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		<u> </u>	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 X No NA Init: ABS

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

Coolers Unpacked/Checked by: ABS Date: 03/12/2019 NCRs (Y/N)?

Event ID: LSJR Downtown Boat
NE-DIST-2019-03-12-03 (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_03_2018
pH Paper 0.0 – 3.0 Lot #	220416AEXP:7/30/20
pH Paper 0 – 13 Lot #	21551 EXP:06/01/20
Chlorine Test Strips Lot #	8261EXP:2021/07

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ No X

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ If No _____

no, were samples shipped on dry ice? Yes _____ No _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

LSJR Downtown Boat

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. ParrishField Report Prepared By: C. Ruben

Project ID: SMP

Collected By: C. Ruben / J. ParrishSampling Agency: FDEP NE ROC

Field ID: <u>20030072 DUP</u>		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>3-11-19</u> Time <u>1045</u>		☒ Eastern ☐ Central		Composite end Date <u> </u> Time <u> </u>		Bottle Group(s) (See pg 2)	
Location: <u>BIG POTTSBURG CR ATL BLVD</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>7.2</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) <u> </u>		<u>B</u>	
WIN ID: <u>20030072</u>		Temp (C) <u>21.3</u>		pH <u>7.25</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>3392</u>			
Latitude <u> </u> ☐ dd ☐ dms		Longitude <u> </u> ☐ dd ☐ dms		Salinity (ppt) <u>1.78</u>		Comments					
Location: <u>BIG POTTSBURG CR ATL BLVD</u>		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>3-11-19</u> Time <u>1140</u>		☒ Eastern ☐ Central		Composite end Date <u> </u> Time <u> </u>		Bottle Group(s)	
FIELD ID: <u>FB 03052019</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh DI</u>		Diss. Oxygen <u> </u>		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L) <u> </u>		<u>D</u>	
Latitude <u> </u> ☐ dd ☐ dms		Longitude <u> </u> ☐ dd ☐ dms		Temp (C) <u> </u>		pH <u> </u>		Sample Depth <u> </u>			
Location: <u>BIG POTTSBURG CR ATL BLVD</u>		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>3/11/19</u> Time <u>1040</u>		☒ Eastern ☐ Central		Composite end Date <u> </u> Time <u> </u>		Bottle Group(s)	
Field ID: <u>20030072</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>7.2</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) <u> </u>		<u>B</u>	
WIN/STC: <u>BIG POTTSBURG CR ATL BLVD</u>		Temp (C) <u>21.3</u>		pH <u>7.25</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>3392</u>			
Latitude <u> </u> ☐ dd ☐ dms		Longitude <u> </u> ☐ dd ☐ dms		Salinity (ppt) <u>1.78</u>		Comments					
Location: <u>BIG POTTSBURG CR ATL BLVD</u>		☐ Comp ☐ Grab		Collection (comp begin or grab) Date <u> </u> Time <u> </u>		☐ Eastern ☐ Central		Composite end Date <u> </u> Time <u> </u>		Bottle Group(s)	
Field ID: <u> </u>		Matrix (type, e.g., Salt, Fresh, etc) <u> </u>		Diss. Oxygen <u> </u>		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L) <u> </u>		<u> </u>	
WIN/STORET # <u> </u>		Temp (C) <u> </u>		pH <u> </u>		Sample Depth <u> </u>		Sp. Conductance (umho/cm) <u> </u>			
Latitude <u> </u> ☐ dd ☐ dms		Longitude <u> </u> ☐ dd ☐ dms		Salinity (ppt) <u> </u>		Comments					

Relinquished By: <u>Chyne R</u>	Date/Time: <u>3/11/19 1200</u>	Shipping Method: <u>Fedex</u>	Number of Coolers Shipped: <u>CR 2 1</u>	Received By: <u>ABG</u>	Date/Time: <u>03-12-19/10-15</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>N/A</u>
	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	<u>N/A</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>N/A</u>
	NE-ALS-ECQ						
Group: A	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: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>N/A</u>
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	ALKALINITY						
	TURBIDITY						
	W-BR-IC						
	W-F						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2 to ACS</u>
	NE-ALS-ENQ						
Group: B	Bottle Type:	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	PCR-HF183						

Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: ALKALINITY TURBIDITY W-BR-IC W-F W-TSS	P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	NA
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	NA
Group: C	Bottle Type: NE-ALS-ENQ	P-250ML-WI-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	NA
Group: C	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab	NA
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	NA

Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	WA
Group: D	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: D	W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: D	W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	
Group: D	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	
Group: D	W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	



PAGE 1 OF 1

CAS Contract

Distribution: White - Return to Originator; Yellow - Retained by Client

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LAB warrants only that it will perform testing Services, obtain findings and prepare reports in accordance with generally accepted laboratory principles and practices at the time the testing is performed. LAB MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Preliminary results may be given in advance of the laboratory report. In LAB's sole discretion, such preliminary results are tentative, subject to confirmation and final review by LAB. Client's use of preliminary results in any manner shall be at Client's sole risk. LAB does not provide any assurance on any product not tested directly by LAB. LAB is an independent testing laboratory. Testing samples sent to LAB facilities by third parties, LAB has no responsibility regarding how, where, when the samples are taken, except where LAB itself performs the sampling and then only to the extent LAB had full discretion concerning sampling. Performance: LAB recognizes that this is of the essence and upon timely delivery of samples will use its best efforts to meet the agreed upon turnaround times and data requirements. However, LAB does not accept any liability for delays or failure to meet product requirements. LAB will strive to accommodate such changes or scope of work as requested by the client without incurring liability for negligence. However, LAB will not be liable whatsoever for holding information up to client variations to scheduling or scope of work. The Client hereby releases and indemnifies LAB from and against all claims, damages and indemnity against it or them, in respect of any loss (including consequential loss), injury, (including damage to persons or property, and whether direct or indirect and in respect of any breach of any services or liability) or property rights, howsoever arising out of the use of, reliance on, or benefit of any services or any LAB Report, except to the extent that the loss, injury, illness or damage to persons or property was directly caused by the negligence, willful acts or omissions of LAB or its employees. Limitation of Liability: The liability of LAB is limited to the agreed acts or omissions and arising out of or in association with the provision of the Services under this Agreement and caused solely by the LAB, and to the sole and exclusive responsibility of LAB to perform any deficient work at LAB's own expense and no other liability whatsoever. Notwithstanding any other provision of the Agreement, and except to the extent that liability cannot be excluded or excluded by law.

conductors will be made to the Client or any third party for any action or inaction of the Client in response to any Lab Report.

Sample Handling: Prior to Lab's acceptance of any sample (for either any revocation of acceptance), the entire risk of loss of or damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation by a Lab employee. In no event will Lab have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from Lab's premises.

Lab will use its best efforts to arrange for the shipment of specially packaged sample bottles, sampling instructions per Client instruction by the readily available, next cost ground shipping method, any other equipment arrangements or overnight shipping requirements will be at Client's expense. Client is responsible for the cost of shipping samples to the laboratory. Storage time of samples will be subject to requirements under applicable reasonable regulations or methods.

Lab reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample which, in the sole judgment of Lab: (a) is of insurable amount; (b) may be or become unsuitable for, or may pose a risk in handling, transport or processing for any health, safety, environmental or other reason, whether or not due to the presence in the sample of any hazardous substance; and whether or not such presence has been disclosed to Lab by Client; or (c) has been delivered to Lab more than seventy-two (72) hours after sampling or one half (1/2) or more of the recommended holding time for the analysis has passed. Lab will advise the Client of any samples which are refused or received in damaged, contaminated or improperly preserved condition or the documentation is inaccurate as described between the sample container label and the Chain of Custody form.

When extended or special storage conditions are required, samples are held without analysis, or special disposal procedures are necessary, Lab may add storage and disposal fees to the final invoice. Lab also reserves the right to bill the Client for samples or shipping containers provided but not returned.

Unless the Client provides Lab written instruction, all incoming disposal samples will be held in accordance to standard Lab procedures. Unused samples may be returned to the Client as agreed upon by Lab and Client. The Client acknowledges that during the performance of the Services, Client samples or portions thereof may be altered or destroyed as part of the testing protocol.

Force Majeure: If Lab is prevented in whole or in part from performing its obligations by a Force Majeure event, Lab may suspend performance of those obligations by giving written notice to the Client. Any non-performance or delay in performance resulting from the Force Majeure event will not be deemed to be a breach of this Agreement.

[illegible]

14 exceeds 90 days, LAB may immediately terminate the Agreement by written notice to the Client. In the event of termination, LAB is entitled to be paid for all work performed by LAB before the date of termination and for any unavoidable commitments entered into by LAB before the date of termination.

Legal Responsibility. LAB is solely responsible for performance of the contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility, whether in contract or tort, including negligence.

Use of LAB's Name. Client shall not use LAB's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever. The Client shall not attribute to LAB any press releases, interviews or other information that LAB has provided to the media or any other person. Attribution is required for regulatory or reporting agencies or groups requiring disclosure of the name of LAB, without LAB's prior written consent, which may be withheld by LAB for any reason in its sole discretion. Client shall provide copies of the proposed Materials or Attribution, if applicable, for LAB's approval of the Materials or Attribution within 10 days of receipt from Client. LAB may, in its discretion, reasonably charge Client for its use of LAB's name or trademark in any Materials or Attribution requests, in accordance with Section 3. Client acknowledges and agrees that the unauthorized use of LAB's name or trademark in violation of this Section is still cause for LAB to incur irreparable harm for which the recovery of monetary damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation of this Section is not justifiably preliminary injunctive relief.

Attorneys' Fees and Costs. If any action or proceeding is commenced to enforce or interpret any of the terms or conditions of this Agreement or the performance thereof, including the collection of any payment hereunder, the prevailing party will be entitled to recover all reasonable attorneys' fees, costs and expenses, including staff time at current billing rates, court costs and other claim-related expenses. If LAB is requested to respond to any mandatory order for the production of documents or witnesses on CLIENT's behalf regarding work performed by LAB, CLIENT agrees to pay all costs and expenses incurred by LAB and not reimbursed by others in responding to such order, including attorney's fees, staff time at current billing rates and reproduction expenses.

Date of Request: 22-JAN-2019
 Created By: PARRISH_J On: 22-JAN-2019
 Modified By: JASROTIA_P On: 11-FEB-2019
 Customer: NE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northeast District
 Sampling Event: LSJR Downtown Boat

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 11-FEB-2019
 Biology Request Reviewed By: JASROTIA_P On: 11-FEB-2019
 Sampling Kit Required: YES Ship on: 22-FEB-2019
 Sampling Kit Shipped: YES On: 19-FEB-2019
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: YES
 Date to Receive Samples: 04-MAR-2019
 Received By: SHAIK_A On: 12-MAR-2019

Send Final Report To:

8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish

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

Comments: Group A: Freshwater
 Nutrients, Bacteria

 Group B: Marinewater
 Nutrients, Metals, Tracers, Markers, Bacteria

 Group C: Marinewater
 Nutrients, Metals, Bacteria

 Group D: Blank water
 Nutrients, Metals, Tracers

 NE-ALS-ECQ
 NE-ALS-ENQ

 Packing Notes:
 1 - case of sulfuric acid
 1 - case of nitric acid
 2 - sets each of sulfuric and nitric acid labels

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE

Bottle Group A (Water) With 1 Samples:

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-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-ALS-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville
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

Bottle Group B (Water) With 2 Samples:

Bottle Type: BG-500ML	Number of Bottles: 2	Preserved With: ICE
W-E8321-DI	Template:	(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: S-METALS	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Iron		
Manganese		
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
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 Type: P-1L	Number of Bottles: 2	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-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
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: 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-WI-THI	Number of Bottles: 2	Preserved With: ICE
NE-ALS-ENQ	Template: DEFAULT	(ASTM D650399) Enterococci by Enterolert Quanti-Tray Method by ALS Environmental Laboratory in Jacksonville
Bottle Type: QPCR-P-500ML	Number of Bottles: 2	Preserved With: ICE

Bottle Group B (Water) With 2 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 2	Preserved With: ICE
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Bottle Group C (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-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
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: 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-WI-THI	Number of Bottles: 2	Preserved With: ICE
NE-ALS-ENQ	Template: DEFAULT	(ASTM D650399) Enterococci by Enterolert Quanti-Tray Method by ALS Environmental Laboratory in Jacksonville
Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: HNO ₃
W-ICP	Template: S-METALS	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Iron		
Manganese		
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

Aluminum
Antimony
Arsenic
Cadmium
Chromium
Copper
Lead
Nickel
Selenium
Silver
Thallium

Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 2	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group D (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
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-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-ICP	Template: S-METALS	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Iron		

Bottle Group D (Water) With 1 Samples:

Bottle Type: P-500ML		Number of Bottles: 1	Preserved With: HNO3
W-ICP	Template: S-METALS	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects	
Manganese			
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	
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-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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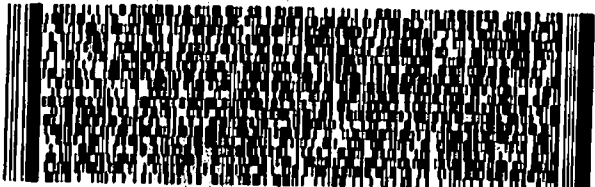
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