

RQ- 2019-11-11-61

Log-in Checklist

Login Station ID: #5Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 11/13/19 @ 16:10

Cooler Temperature*	Samples Frozen YES	* All Samples In Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
		HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
<u>0.1</u>				<u>4</u>		<u>✓</u>			<u>1278 4008 3972</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 and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **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: KK

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: KKW-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No NA ✓ Init: KKCoolers Unpacked/Checked by: KKDate: 11/13/19NCRs (Y/N)? ✓Event ID: Continuous Monitoring Event
NE-DIST-2019-11-13-03 (SMP)
Date Received: 13-NOV-2019 10:10NCR #

Log-in Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle TestID(s)	pH	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle TestID(s)

Bottles Not Intact

Field ID	Bottle TestID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle TestID(s)	Action Taken

Additional Comments:

Infrared Thermometer ID:	REC_07_2018 EXP:12/28/19
pH Test Strips 0 – 6 Lot #	
pH Paper 0 – 3 Lot #	220416A EXP:7/30/20
pH Paper 0 – 13 Lot #	215517 EXP:6/1/20
Chlorine Test Strips Lot #	091417V EXP:9/2021

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: _____

Request Number: RQ-2019-11-11-61

Continuous Monitoring Event

Florida Department of Environmental Protection Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Brian Davis

Field Report Prepared By: Alicia Hogue

Collected By: Brian Davis

Sampling Agency: FDEP

WIN ID/Field ID:		 20030802		☐ Comp ☒ Grab		Collection (comp begin or grab) Date: 11/12/2019 Time: 1250		☒ Eastern ☐ Central		Composite end Date: Time:		Bottle Group(s) (See pg 2)	
SHERMAN CR @ CONF SAN PABLO R				Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 6.02		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B	
Latitude 30.3700		☒ dd ☐ dms		Longitude -81.43803		☒ dd ☐ dms		Temp (C) 21.6		pH 7.59			
Location				Salinity (ppt) 27.88		Comments		☐ ft ☒ m		Sp. Conductance (umho/cm) 43237			
Field ID				☐ Comp ☐ Grab		Collection (comp begin or grab) Date: Time:		☐ Eastern ☐ Central		Composite end Date: Time:		Bottle Group(s)	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments		☐ ft ☐ m		Sp. Conductance (umho/cm)			
Field ID				☐ Comp ☐ Grab		Collection (comp begin or grab) Date: Time:		☐ Eastern ☐ Central		Composite end Date: Time:		Bottle Group(s)	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments		☐ ft ☐ m		Sp. Conductance (umho/cm)			
Field ID				☐ Comp ☐ Grab		Collection (comp begin or grab) Date: Time:		☐ Eastern ☐ Central		Composite end Date: Time:		Bottle Group(s)	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments		☐ ft ☐ m		Sp. Conductance (umho/cm)			
Field ID				☐ Comp ☐ Grab		Collection (comp begin or grab) Date: Time:		☐ Eastern ☐ Central		Composite end Date: Time:		Bottle Group(s)	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Temp (C)		pH		Sample Depth	
Location				Salinity (ppt)		Comments		☐ ft ☐ m		Sp. Conductance (umho/cm)			
Relinquished By:		Date/Time		Shipping Method		Number of Coolers Shipped:		Received By:		Date/Time			
B - V		11/12/19 1600		FedEx		1		KK		11-13-19 / 1010			

Group: A	Bottle Type: P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 0
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS				
Group: A	Bottle Type: BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 0
	CHLSUITE-W				
Group: A	Bottle Type: P-120ML-WC-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 0 ALSAHO
	NE-ALS-ENQ				
Group: A	Bottle Type: QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
	PCR-HF183				
Group: A	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
	W-E8321-DI W-E8321-MS				
Group: A	Bottle Type: P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	0
	W-ICP W-ICPMS				
Group: A	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
	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	0
	W-PO4-F				
Group: B	Bottle Type: P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	2 1
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS				

Group: B Bottle Type: BP-1L # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1
CHLSUITE-W

Group: B Bottle Type: ~~P-120ML~~^{250ML} WC-THI # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1 to ALS
NE-ALS-ENQ

Group: B Bottle Type: P-500ML # of Bottles: 1 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 1
W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

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



SR # _____
ALS Contact _____

Page _____ of _____

ALS Contact

Page ____ of ____

Project Name: Sherman CM Project Number: RD-2019-11-11-61 www.alsglobal.com

Report To: Jeremy Parrish Report CC: DEP-Overflowmic@dep.state.fl.us

Company/Address: 8870 Baymeadows Way West Jacksonville, FL 32256

Phone #: 904-256-1700 FAX #:

Sampler's Signature: Alicia Hoghe Sampler's Printed Name: Alicia Hoghe

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

Preservative	0. None	1. HCL	2. HNO3	3. H2SO4	4. NaOH	5. Zn. Acetate	6. MeOH	7. NaHSO4	8. Other	REMARKS
ENTER HERE										marine

CLIENT SAMPLE ID: 200.30802 LAB ID: 11/12/19 SAMPLING DATE: 11/12/19 TIME: 1250 Matrix: SW

Special Instructions/Comments:

TURNAROUND REQUIREMENTS: ☒ RUSH (SURCHARGES APPLY) ☐ STANDARD

REPORT REQUIREMENTS: ☐ I. Results Only ☐ II. Results + QC Summaries (LCS, DUP, MS/MSD as required) ☐ III. Results + QC and Calibration Summaries ☐ IV. Data Validation Report with Raw Data

Edata: ☐ Yes ☐ No

INVOICE INFORMATION: P.O. # _____ Bill to: _____

SAMPLE RECEIPT: CONDITION/COOLER TEMP: 3.2°C

Relinquished By	Received By	CUSTODY SEALS: Y/N
Signature: <u>[Signature]</u> Printed Name: <u>D. J. Davis</u> Firm: <u>FDEP DEAR</u> Date/Time: <u>11/12/19 1500</u>	Signature: _____ Printed Name: _____ Firm: _____ Date/Time: _____	Signature: _____ Printed Name: _____ Firm: _____ Date/Time: _____

Chain of Custody

SMF-9

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Date of Request: 04-NOV-2019
 Created By: DAVIS_B On: 04-NOV-2019
 Modified By: JASROTIA_P On: 05-NOV-2019
 Customer: NE-DIST
 Project: SMP
 Division:
 District: Northeast District
 Sampling Event: Continuous Monitoring Event

Send Coolers To:

Phone: 904-256-1568
 8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Brian G Davis

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 04-NOV-2019
 Biology Request Reviewed By: JASROTIA_P On: 05-NOV-2019
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 11-NOV-2019
 Received By: KLUG_K On: 13-NOV-2019

Send Final Report To:

8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Brian G Davis

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

Comments: Continuous Monitoring SMP
 All Groups MARINE, do not send coolers.
 Group A: Nutrients, Metals, Tracers, Markers, Bacteria
 Group B: Nutrients, Bacteria

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-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: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-120ML-WC-THI	Number of Bottles: 2	Preserved With: ICE
NE-ALS-ENQ	Template: DEFAULT	(ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville
Bottle Type: QPCR-P-500ML	Number of Bottles: 1	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 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:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Barium		
Calcium		

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Bottle Group A (Water) With 1 Samples:

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

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

Bottle Group B (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-120ML-WC-THI	Number of Bottles: 2	Preserved With: ICE
NE-ALS-ENQ	Template: DEFAULT	(ASTM D650399) Enterococci by Enterolert/QT by ALS 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 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-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

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