

Log-in Checklist

RQ- 2019-12-02-54

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12/ 5 /19 @ 10:10

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	
<u>0.4</u>				<u>5</u>		<u>✓</u>			<u>1278 4009 4546</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: KK

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

Coolers Unpacked/Checked by: KK Date: 12/ 5 /19 NCRs (Y/N)? N

Event ID: SJR ab Harney + HA
CEN-DIST-2019-12-05-01 (SMP)
 Date Received: 05-DEC-2019 10:10 NCR #

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:	IR TEMP GUN #5 EXP:11-5-20
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: _____

SJR ab Harney + HA

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By: LEIF BOMAN

Project ID: SMP

Collected By: LEIF BOMAN, NATALIE AYALA,
ELIZABETH BATES

Sampling Agency: 21 FL CEN

WIN ID / Field ID →				☐ Comp ☒ Grab		Collection (comp begin or grab)		☒ Eastern ☐ Central		Composite end		Bottle Group(s)	
St. Johns River Above Lake Harney		G2CE0118		Date 12/04/2019		Time 11:04		Date		Time		(See pg 2)	
Latitude		Longitude		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
☐ dd ☐ dms		☐ dd ☐ dms		Temp (C) 15.4		pH 7.50		Sample Depth .3		☐ ft ☒ m		Sp. Conductance (umho/cm) 1213	
Location		Salinity (ppt) 0.61		Comments: E. coli sent to contract lab - AEL									
Field ID		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)					
WIN/STORET #		Date		Time		Date		Time					
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		Longitude		Salinity (ppt)		Comments							
☐ dd ☐ dms		☐ dd ☐ dms		☐ dd ☐ dms									
Location		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)					
Field ID		Date		Time		Date		Time					
WIN/STORET #		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		Longitude		Salinity (ppt)		Comments							
☐ dd ☐ dms		☐ dd ☐ dms		☐ dd ☐ dms									
Location		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)					
Field ID		Date		Time		Date		Time					
WIN/STORET #		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		Longitude		Salinity (ppt)		Comments							
☐ dd ☐ dms		☐ dd ☐ dms		☐ dd ☐ dms									

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
LEIF BOMAN	12/04/19 14:00	FEDEX	1	LBZ	12-5-19 / 1010

Group: A	Bottle Type: P-1L	# of Bottles: 1	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: P-120ML-WC-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
	CD-AEL-EC				
					1 sent to contract lab - ASD
Group: A	Bottle Type: BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W				
Group: A	Bottle Type: P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP				HNO3
	W-ICPMS				LOT# NA9129070
					EXP: 05/09/20
Group: A	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				
					SA9203100 EXP: 07/22/20
Group: A	Bottle Type: P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F				



✓	Altamonte Springs: 380 Northlake Blvd., Suite 1048 • Altamonte
	Gainesville: 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.
	Jacksonville: 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 90
	Miramar: 10200 USA Today Way • Miramar, FL 33025 • 954.889.228
	Tallahassee: 2639 North Monroe Street, Suite D • Tallahassee, FL
	Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616

[illegible]

Date of Request: 14-NOV-2019
 Created By: LINGER_M On: 14-NOV-2019
 Modified By: JASROTIA_P On: 15-NOV-2019
 Customer: CEN-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Central District
 Sampling Event: SJR ab Harney + HA

Send Coolers To:

Phone: 407-894-4180
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Michael Linger

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Michael Linger

Program Module Number:

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 15-NOV-2019
 Biology Request Reviewed By: JASROTIA_P On: 15-NOV-2019
 Sampling Kit Required: YES Ship on: 22-NOV-2019
 Sampling Kit Shipped: YES On: 18-NOV-2019
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 02-DEC-2019
 Received By:

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

Comments:**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: P-120ML-WC-THI	Number of Bottles: 2	Preserved With: ICE
CD-AEL-EC	Template: DEFAULT	(EPA 1603) E. coli by MF by AEL in Altamonte Springs
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-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		
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
*Boron		

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3
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.

Cooler Packing Worksheet for Request: RQ-2019-12-02-54

SJR ab Harney + HA

Ship Cooler On: 11/22/2019

Customer/Project: CEN-DIST/SMP

Assigned To: REYNOLDS_T

Requester: Michael Linger

Priority: 3

407-894-4180
FL Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767
Attn: Michael Linger

Comments:

No preservatives needed.

Requested Analyses:

Bottle Group: A

of Sites: 1

Container ID: P-1L

Qty: 1

Preservation: ICE

Lot # 00075092

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: P-120ML-WC-THI

Qty: 2

Preservation: ICE

Lot # 6K20

Description: 120 ml Sterilized White Cap with
tablet

Analysis

CD-AEL-EC

Description

E. coli by MF by AEL in Altamonte Springs

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1259820

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-500ML

Qty: 1 Preservation: HNO3

Lot # 00075526

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 00075526

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 1 Preservation: FILTER-ICE

Lot # 00075709

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: Tyler R. Number of Coolers: 1 Date: 11/18/19

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☒ 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-2019-12-02-54