

RQ- 2019-10-07-65

Login Checklist

Login Station ID: #2Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 11/1/19 @ 9:55am

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>1.4</u>				<u>8</u>					<u>1190 3162 4243</u>

*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO₃ and Formalin preserved samples do **NOT** have a temperature requirement. **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 ✓IM
11/1/19

****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: IM

Chlorine detected? (One container checked per Field ID)

Yes ✓No ✓Init: IM

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: IM

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes ✓No ✓NA ✓Init: IMCoolers Unpacked/Checked by: IMDate: 11/1/19NCRs (Y/N)? ✓Event ID: Bid + HA / Faulk

CEN-DIST-2019-11-01-02 (SMP)

NCR # Date Received: 01-NOV-2019 09:55

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	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_2018 EXP: 4/29/20
pH Test Strips 0 – 6 Lot #	
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	215517 EXP: 6/1/20
Chlorine Test Strips Lot #	7226 EXP: 7/2020

ENCORE SAMPLES

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

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: CEN-DIST

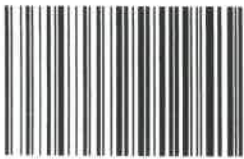
Requester: Michael Linger

Field Report Prepared By: Terry Riordan

Project ID: SMP

Collected By: Terry Riordan / Mike Drinnan

Sampling Agency: 21 FL CEN

Location	WIN ID / Field ID →				☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) (See pg 2)	
Field ID	Faulk Canal @ 50m upstream of Fiske Blvd				Date		Time		Central	Date			
WIN/ST			G3CE0016		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.48	Temp (C)	26.0	pH	6.55	Sample Depth	0.2	Sp. Conductance (umho/cm)	981
Location	WIN ID / Field ID →				☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)	
Field ID	SJR @ Power line crossing				Date		Time		Central	Date			
WIN/ST			G3CE0015		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.34	Temp (C)	27.9	pH	7.02	Sample Depth	0.3	Sp. Conductance (umho/cm)	700
Location					☐ Comp ☐ Grab		Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)	
Field ID					Date		Time		Central	Date			
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	Salinity (ppt)		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Location					☐ Comp ☐ Grab		Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)	
Field ID					Date		Time		Central	Date			
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	Salinity (ppt)		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Location					☐ Comp ☐ Grab		Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)	
Field ID					Date		Time		Central	Date			
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	Salinity (ppt)		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Terry Riordan	10/31/19 1300	Fed Ex	1	Ian McCoy	11/1/19 9:55am

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CD-AEL-EC						2 - sent to AEL lab
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	0
	W-ICP						2 - sent to AEL lab 7/16
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	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	2
	W-PO4-F						

H2SO4
LOT# SA9010030
EXP: 04/10/2020



- | | |
|---|---|
| ✓ | 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 • 904 |
| | Miramar: 10200 USA Today Way • Miramar, FL 33025 • 954.889.22 |
| | Tallahassee: 2639 North Monroe Street, Suite D • Tallahassee, FL |
| | Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9611 |



Client Name: FDEP		Project Name: SMP		BOTTLE SIZE & TYPE															LABORATORY I.D. NUMBER
Address: 3319 Maguire Blvd Orlando, FL 32803		P.O. Number or Project Number: B5A496		ANALYSIS REQUIRED		E Coli													
Phone: 407-897-4100		FDEP Facility No:																	
FAX:		Special Instructions: <i>BQ-2019-10-07-65-</i>																	
Contact: Mike Linger																			
Sampled By: Mike Linger																			
Turn Around Time: ☒ STANDARD ☐ RUSH		Project Address:																	
Page: 1 of 1		☐ ADaPT ☐ EQuIS ☐ Other																	
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE TIME		MATRIX	NO. COUNT	PRESERVATION	Ice											
G3CE0016		G	10/31/19	0950	SW	1		X											
G3CE0015		G	10/31/19	1045	SW	1		X											
Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)																			
Received on Ice ☒ Yes ☐ No ☒ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received _____ (in degrees celcius)																			
DCN: AD-051 Form last revised 04/30/2015 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A <u>A: 3A</u> M: 3A S: 1V																			
Relinquished by: Date Time Received by: Date Time																			
1	Terry Kivela	10/31/19	1207	Cristina	10/31/19	1209	FOR DRINKING WATER USE:												
2							PWS ID: _____												
3							Contact Person: _____ Phone: _____												
4							Supplier of Water: _____												
							Site-Address: _____												

Date of Request: 19-SEP-2019
 Created By: LINGER_M On: 19-SEP-2019
 Modified By: JASROTIA_P On: 20-SEP-2019
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Central District
 Sampling Event: Bid + HA / Faulk

Send Coolers To:

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

Program Module Number: 1306
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 20-SEP-2019
 Biology Request Reviewed By: JASROTIA_P On: 20-SEP-2019
 Sampling Kit Required: YES Ship on: 27-SEP-2019
 Sampling Kit Shipped: YES On: 25-SEP-2019
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 07-OCT-2019
 Received By:

Send Final Report To:

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

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

Comments:**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: P-250ML-WI-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: 2	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: 2	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 2 Samples:

Bottle Type: P-500ML	Number of Bottles: 2	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: 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

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