

RQ-2019-06-17-19

Log-in Checklist

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 07/09/2019 @ 9:35

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	
1.6°C				16		X			4751 8780 3829

* HNO₃ and Formalin preserved 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 X**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 X 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 X Init: TR

Chlorine detected? (One container checked per Field ID)

Yes No X Init: TR

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: TRW-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No NA X Init: TRCoolers Unpacked/Checked by: Tyler R. Date: 07/09/2019 NCRs (Y/N)? NEvent ID: Sarasota Cricks NCR #

SO-DIST-2019-07-09-01 (SMP)

Date Received: 09-JUL-2019 09:35

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_04_2018 EXP:04/29/2020
pH Test Strips 0 – 6 Lot #	213316AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	215517 EXP: 06/01/2020
Chlorine Test Strips Lot #	8261 EXP: 07/30/2021

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: _____

Customer: SO-DIST

Project ID: SMP

Requester: Maryann Dugan

Field Report Prepared By: Nicole Reistad

Collected By: Nicole Reistad, Maryann Dugan

Sampling Agency: FDEP-SROC

Location		Field ID/WIN ID		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date	Time	Eastern	Composite end	Bottle Group(s)
Field ID		Location	G2SD0022				07/08/19	1040	Central	Date	Time
WIN/STORET #		Location	UnnamedDitch@IndianaAve		Matrix (type, e.g., Salt, Fresh, etc)					Diss. Oxygen	Total Res. Chlorine
					Fresh					0.79	(mg/L)
Latitude		☐ dd	Longitude	☐ dd	Temp (C)	pH				Sample Depth	Sp. Conductance
		☐ dms		☐ dms	26.8	6.80				0.15	(umho/cm)
					Salinity (ppt)	Comments					
					0.45	E. coli @ Benchmark					
Location		Field ID/WIN ID		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date	Time	Eastern	Composite end	Bottle Group(s)
Field ID		Location	G2SD0027				07/08/19	1100	Central	Date	Time
WIN/STORET #		Location	WoodmereCreek@HeronRd		Matrix (type, e.g., Salt, Fresh, etc)					Diss. Oxygen	Total Res. Chlorine
					Fresh					5.01	(mg/L)
Latitude		☐ dd	Longitude	☐ dd	Temp (C)	pH				Sample Depth	Sp. Conductance
		☐ dms		☐ dms	27.2	7.15				0.1	(umho/cm)
					Salinity (ppt)	Comments					
					0.39	Enter @ Benchmark					
Location		Field ID/WIN ID		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date	Time	Eastern	Composite end	Bottle Group(s)
Field ID		Location	G3SD0090				07/18/19	1135	Central	Date	Time
WIN/STORET #		Location	South Creek @HonoreAve		Matrix (type, e.g., Salt, Fresh, etc)					Diss. Oxygen	Total Res. Chlorine
					Fresh					5.71	(mg/L)
Latitude		☐ dd	Longitude	☐ dd	Temp (C)	pH				Sample Depth	Sp. Conductance
		☐ dms		☐ dms	29.8	7.47				0.3	(umho/cm)
					Salinity (ppt)	Comments					
					0.54	E. coli @ Benchmark					
Location		Field ID/WIN ID		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date	Time	Eastern	Composite end	Bottle Group(s)
Field ID		Location	G3SD0089				07/18/19	1225	Central	Date	Time
WIN/STORET #		Location	NorthCreek(Tidal)@41		Matrix (type, e.g., Salt, Fresh, etc)					Diss. Oxygen	Total Res. Chlorine
					Fresh					2.29	(mg/L)
Latitude		☐ dd	Longitude	☐ dd	Temp (C)	pH				Sample Depth	Sp. Conductance
		☐ dms		☐ dms	28.1	7.33				0.3	(umho/cm)
					Salinity (ppt)	Comments					
					1.17	Enter @ Benchmark					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Nicole Reistad	07/08/19 1545	FedEx	1	Tyler Reynolds	07/09/19 @ 9:35

Group: A	Bottle Type: SD-BES-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>0; 1 @ Benchmark</u>
Group: B	Bottle Type: PCR-FILTER	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: B	Bottle Type: SD-BES-ECQ	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>0; 2 @ Benchmark</u>
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: C	Bottle Type: PCR-FILTER	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: C	Bottle Type: SD-BES-ENQ	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>0; 1 @ Benchmark</u>
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: D	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: D	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: D	Bottle Type: SD-BES-ECQ	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>0; 2 @ Benchmark</u>
Group: D	Bottle Type: W-NH3 W-NO2NO3	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>2</u>

SA7163030
exp. 06/12/18* *recertified*

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SO-DIST

Project ID: SMP

Requester: Maryann Dugan

Field Report Prepared By: Nicole Reistad

Collected By: Nicole Reistad, Maryann Dugan

Sampling Agency: FDEP-SROC

Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab)	Eastern Central	Composite end	Bottle Group(s)
Field ID	Location	G3SD0094	Date	07/08/19	Time	1310	(See pg 2)
WIN/STORET #	Walker Creek @32ndSt		Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen	5.05	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.16	Comments	E. coli @ Benchmark
Field ID	Location	G3SD0091	Date	07/08/19	Time	1405	
WIN/STORET #	PhillippeCreek@Proctor		Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen	3.74	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.24	Comments	E. coli @ Benchmark
Field ID	Location	G3SD0091_DUP	Date	07/08/19	Time	1410	
WIN/STORET #	WIN ID	G3SD0091	Matrix (type, e.g., Salt, Fresh, etc)	Field Replicate	Diss. Oxygen		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)		Comments	E. coli @ Benchmark
Field ID	Location	G3SD0064	Date	07/08/19	Time	1200	
WIN/STORET #	NorthCreek@OaksCreekCt		Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen	3.64	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.88	Comments	E. coli @ Benchmark

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Nicole Reistad	07/08/19 1545	FedEx	1	Tyler Reynolds	07/09/19 @ 9:35

Group: A	Bottle Type: P-250ML-WI-THI SD-BES-ECQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: P-250ML-WI-THI SD-BES-ECQ	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: C	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: C	Bottle Type: P-250ML-WI-THI SD-BES-ENQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: C	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: D	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: D	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: D	Bottle Type: P-250ML-WI-THI SD-BES-ECQ	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: D	Bottle Type: P-500ML W-NH3 W-NO2NO3	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____

Group: D	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-S-A-TP					
	W-TKN					
	W-TOC					

Group: D	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-PO4-F					

Date of Request: 21-MAY-2019
 Created By: DUGAN_M On: 21-MAY-2019
 Modified By: WATTS_J On: 31-MAY-2019
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: Sarasota Cricks

Send Coolers To:

Phone: 239-344-5610
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33909
 Attn: Maryann Dugan

Program Module Number:

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 31-MAY-2019
 Biology Request Reviewed By: SAVAGE_J On: 31-MAY-2019
 Sampling Kit Required: YES Ship on: 07-JUN-2019
 Sampling Kit Shipped: YES On: 03-JUN-2019
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 17-JUN-2019
 Received By:

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Maryann Dugan

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

Comments: Group A: South : E.coli x1
 Group B: North & Walker : E.coli, Markers, Tracers x2
 Group C: North Tidal : Entero, Markers, Tracers x1
 Group D: Phillippe & Duplicate : Nutrients, E.coli x1

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE
 SD-BES-ECQ Template: DEFAULT (SM 9223 Quanti-Tray) E. coli by Colilert/QT by BEA South in North Port

Bottle Group B (Water) With 2 Samples:

Bottle Type: QPCR-P-500ML Number of Bottles: 2 Preserved With: ICE
 PCR-FILTER Template: DEFAULT (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
 Bottle Type: P-250ML-WI-THI Number of Bottles: 2 Preserved With: ICE
 SD-BES-ECQ Template: DEFAULT (SM 9223 Quanti-Tray) E. coli by Colilert/QT by BEA South in North Port
 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: (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group C (Water) With 1 Samples:

Bottle Type: QPCR-P-500ML Number of Bottles: 1 Preserved With: ICE
 PCR-FILTER Template: DEFAULT (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
 Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE
 SD-BES-ENQ Template: DEFAULT (Enterolert/QT) Enterococci by Enterolert/QT by BEA South in North Port
 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: (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group D (Water) With 2 Samples:

Bottle Type: P-250ML-WI-THI Number of Bottles: 2 Preserved With: ICE
 SD-BES-ECQ Template: DEFAULT (SM 9223 Quanti-Tray) E. coli by Colilert/QT by BEA South in North Port
 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

Bottle Group D (Water) With 2 Samples:

Bottle Type: P-500ML		Number of Bottles: 2	Preserved With: ICE And H2SO4
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-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: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry	

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