

Log-in Checklist

RQ- 2019-10-14-46

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 10/ 18 /19 @ 9:40

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
1.4				9		✓			1278 4007 9535
3.0				9		✓			1278 4007 9557
1.3				13		✓			1278 4007 9562
-0.1				13		✓			1278 4007 9546

* 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: HK

Chlorine detected? (One container checked per Field ID) Yes No ✓ Init: HK

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: HK

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

Coolers Unpacked/Checked by: KK Date: 10/ 18 /19 NCRs (Y/N)? ✓

Event ID: Site
CEN-DIST-2019-10-18-01 (SMP) - NCR #
Date Received: 18-OCT-2019 09:40

Log-in Checklist

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_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: _____

Florida Department of Environmental Protection Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By:

Mike Drennen

Collected By:

Mike Drennen

Sampling Agency:

21 FL CEN

Location WIN ID / Field ID → Sweetwater Creek @ US of DeLeon St G2CE0119 ☐ dms		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/17/19 Time 1112	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 5.97	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	DC LMD
		Temp (C) 23.8	pH 6.93	Sample Depth 0.1	Sp. Conductance (umho/cm) 433.4	
☐ dd ☐ dms		Salinity (ppt) 0.21	Comments E.coli sent to AEL lab			
Location WIN ID / Field ID → Sweetwater Creek @ 35m US of Cress Run G2CE0139 ☐ dms		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/17/19 Time 1125	Eastern Central	Composite end Date Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 6.18	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	DC LMD
		Temp (C) 24.2	pH 6.91	Sample Depth 0.15	Sp. Conductance (umho/cm) 451.2	
☐ dd ☐ dms		Salinity (ppt) 0.22	Comments E.coli sent to AEL lab			
Location WIN ID / Field ID → Sweetwater Creek @ Florida Ave G2CE0123 ☐ dms		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/17/19 Time 1142	Eastern Central	Composite end Date Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 6.56	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	D
		Temp (C) 23.8	pH 7.47	Sample Depth 0.1	Sp. Conductance (umho/cm) 1155	
☐ dd ☐ dms		Salinity (ppt) 0.57	Comments E.coli sent to AEL lab			
Location WIN ID / Field ID → Sweetwater Creek @ Kansas St G2CE0203 ☐ dms		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/17/19 Time 1146	Eastern Central	Composite end Date Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 7.32	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	D
		Temp (C) 24.7	pH 7.47	Sample Depth 0.1	Sp. Conductance (umho/cm) 1682	
☐ dd ☐ dms		Salinity (ppt) 0.53	Comments E.coli sent to AEL lab			

Relinquished By:

Terry Rordan

Date/Time

10/17/19 1515

Shipping Method

FedEx

Number of Coolers Shipped:

4

Received By:

KH

Date/Time

10.18.19 10940

1 of 4

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	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: 6 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>0</u> 3-sent to AEL lab
	CD-AEL-EC					
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab _____
	W-CARB-AA					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-CT-CI-R W-PCL-SQ-R					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	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: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					

* our contract lab only needs 1 - 120ml E coli' Bottle

Group: A	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: CD-AEL-EC	P-120ML-WC-THI	# of Bottles: 8 3	Preservative: ICE	Enter Number of Bottles Sent to Lab 0 3-sent to AEL lab
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: CD-AEL-EC	P-120ML-WC-THI	# of Bottles: 4 2	Preservative: ICE	Enter Number of Bottles Sent to Lab 0 2-sent to AEL lab
Group: C	Bottle Type: PCR-BACR PCR-HF183	QPCR-P-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: CD-AEL-EC	P-120ML-WC-THI	# of Bottles: 4 2	Preservative: ICE	Enter Number of Bottles Sent to Lab 0 2-sent to AEL lab

☆ our contract lab only needs 1 - 120ml. Feril. R.HL

Florida Department of Environmental Protection Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By: Mike Drennon

Field Report Prepared By: Mike Drennon

Sampling Agency: 21 FL CEN

Location WIN ID / Field ID → Howell Creek @ US of Lake Howell Ln G2CE0138		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/17/19 Time 915	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2) A
Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.28		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) 26.3		pH 6.62		Sample Depth 0.3	Sp. Conductance (umho/cm) 211.9	
☐ dd ☐ dms		Salinity (ppt) 0.10		Comments E. coli sent to AEL lab		
Location WIN ID / Field ID → Bear Crk just north of Winter Springs Blvd in Bear Crk Park G2CE0069		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/17/19 Time 955	Eastern Central	Composite end Date Time	Bottle Group(s) B
Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.79		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) 24.9		pH 6.60		Sample Depth 0.3	Sp. Conductance (umho/cm) 236.5	
☐ dd ☐ dms		Salinity (ppt) 0.11		Comments E. coli sent to AEL lab		
Location WIN ID / Field ID → Bear Creek @ Northern Way G2CE0182		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/17/19 Time 1009	Eastern Central	Composite end Date Time	Bottle Group(s) B
Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.71		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) 24.7		pH 6.52		Sample Depth 0.15	Sp. Conductance (umho/cm) 243.5	
☐ dd ☐ dms		Salinity (ppt) 0.11		Comments E. coli sent to AEL lab		
Location WIN ID / Field ID → Gee Creek @ Alton Road G2CE0161		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/17/19 Time 1035	Eastern Central	Composite end Date Time	Bottle Group(s) A
Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.63		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) 25.2		pH 6.82		Sample Depth 0.3	Sp. Conductance (umho/cm) 199.2	
☐ dd ☐ dms		Salinity (ppt) 0.09		Comments E. coli sent to AEL lab		

Relinquished By:

Terry Rardon

Date/Time

10/17/19 1515

Shipping Method

FedEx

Number of Coolers Shipped:

34

Received By:

KK

Date/Time

10.18.19 1045

2083471

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
	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: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
	CD-AEL-EC <i>3 - sent to AEL Lab</i>					
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative: CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	3
	W-CARB-AA					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	8
	W-CT-CI-R W-PCL-SQ-R					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
	W-E8321-DI W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative: HNO3	Enter Number of Bottles Sent to Lab	3
	W-ICP W-ICPMS HNO3 LOT# NA9129070 EXP: 05/09/20					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC H2SO4-Recertif LOT# SA7163030 EXP: 10/30/2019					
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	3
	W-PO4-F					

* our contract lab only needs 1 - 120 ml E.coli bottle

Group: A	Bottle Type: BG-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	8
	W-PSNP-TQ				
Group: B	Bottle Type: P-120ML-WC-THI	# of Bottles: 6 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
	CD-AEL-EC				3 - sent to AEL lab
Group: B	Bottle Type: BG-500ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
	W-E8321-DI				
	W-E8321-MS				
Group: C	Bottle Type: P-120ML-WC-THI	# of Bottles: 4 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
	CD-AEL-EC				2 - sent to AEL lab
Group: C	Bottle Type: QPCR-P-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	PCR-BACR				
	PCR-HF183				
Group: C	Bottle Type: BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	W-E8321-DI				
	W-E8321-MS				
Group: D	Bottle Type: P-120ML-WC-THI	# of Bottles: 4 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
	CD-AEL-EC				2 - sent to AEL lab

* our contract lab only needs 1 - 120 mL E coli bottle

Site

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By: Mike Drennan

Project ID: SMP

Collected By: Mike Drennan

Sampling Agency: 21 FL CEN

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10/17/19 Time 1200		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
WIN ID / Field ID → Salt Creek @ Packard Ave		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.36		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B	
G2CE0088		Temp (C) 23.2		pH 7.18		Sample Depth 0.2		☐ ft ☒ m		Sp. Conductance (umho/cm) 3145	
☐ dd ☐ dms		Salinity (ppt) 1.64		Comments E.coli sent to AEL lab							
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10/17/19 Time 1230		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
WIN ID / Field ID → Soldier Creek @ 150m Upstream of SR Hwy 419		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.84		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
G2CE0071		Temp (C) 24.4		pH 6.96		Sample Depth 0.1		☐ ft ☒ m		Sp. Conductance (umho/cm) 222.6	
☐ dd ☐ dms		Salinity (ppt) 0.10		Comments E.coli sent to AEL lab							
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		☐ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
WIN/STORET #		Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		☐ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
WIN/STORET #		Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					

Relinquished By: Terry Riordan	Date/Time 10/17/19 1515	Shipping Method FedEx	Number of Coolers Shipped: 34	Received By: KK	Date/Time 10-18-19 / 0940
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305 347K

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	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: 6 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>0</u> 3-sent to AEL lab
	CD-AEL-EC					
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab _____
	W-CARB-AA					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-CT-CI-R W-PCL-SQ-R					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	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: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					

* our contract lab only needs 1 - 120 mL E coli Bottle

Group: A	Bottle Type:	BG-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	W-PSNP-TQ					
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 8 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab 0
	CD-AEL-EC					
	3 - sent to AEL lab					
Group: B	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	W-E8321-DI					
	W-E8321-MS					
Group: C	Bottle Type:	P-120ML-WC-THI	# of Bottles: 4 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab 0
	CD-AEL-EC					
	2 - sent to AEL lab					
Group: C	Bottle Type:	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	PCR-BACR					
	PCR-HF183					
Group: C	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	W-E8321-DI					
	W-E8321-MS					
Group: D	Bottle Type:	P-120ML-WC-THI	# of Bottles: 4 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab 0
	CD-AEL-EC					
	2 - sent to AEL lab					

* Our contract lab only needs 1 - 120ml E coli bottle



Advanced
Environmental Laboratories, Inc.

- ☒ **Altamonte Springs:** 380 Northlake Blvd., Suite 1048 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597
☐ **Gainesville:** 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
☐ **Jacksonville:** 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
☐ **Miramar:** 10200 USA Today Way • Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2281
☐ **Tallahassee:** 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
☐ **Tampa:** 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP		Project Name: SMP		BOTTLE SIZE & TYPE	ANALYSIS REQUIRED	E Coli													LABORATORY I.D. NUMBER
Address: 3319 Maguire Blvd		P.O. Number or Project Number: B5A496																	
Orlando, FL 32803		FDEP Facility No:																	
Phone: 407-897-4100		Project Address:																	
FAX:		Special Instructions: RQ-2019-10-14-46																	
Contact: Mike Linger																			
Sampled By:																			
Turn Around Time: ☒ STANDARD ☐ RUSH																			
Page: 1 of 1		☐ ADaPT ☐ EQUIS ☐ Other																	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	PRESERVATION	Ice											
			DATE	TIME															
G2CE0138		G	10/17/19	0915	SW	1		X											
G2CE0069		G	10/17/19	0955	SW	1		X											
G2CE0182		G	10/17/19	1009	SW	1		X											
G2CE0161		G	10/17/19	1035	SW	1		X											
G2CE0119		G	10/17/19	1112	SW	1		X											
G2CE0139		G	10/17/19	1125	SW	1		X											
G2CE0123		G	10/17/19	1142	SW	1		X											
G2CE0208		G	10/17/19	1146	SW	1		X											
G2CE0088		G	10/17/19	1200	SW	1		X											
G2CE0071		G	10/17/19	1230	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 **7** (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 A: 3A M: 3A S: 1V

Relinquished by:		Date	Time	Received by:		Date	Time
1	T. Riordan	10/17/19	1320	<i>[Signature]</i>	10/17/19	1320	
2							
3							
4							

FOR DRINKING WATER USE:

PWS ID: _____

Contact Person: _____ Phone: _____

Supplier of Water: _____

Site-Address: _____

Date of Request: 26-SEP-2019
 Created By: LINGER_M On: 26-SEP-2019
 Modified By: JASROTIA_P On: 27-SEP-2019
 Customer: CEN-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Central District
 Sampling Event: Site

Send Coolers To:

Phone: 407-894-4180
 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: 27-SEP-2019
 Biology Request Reviewed By: JASROTIA_P On: 27-SEP-2019
 Sampling Kit Required: YES Ship on: 04-OCT-2019
 Sampling Kit Shipped: YES On: 04-OCT-2019
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 14-OCT-2019
 Received By:

Send Final Report To:

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

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

Comments: A: Gee / Soldier / Howell
 B: Bear x2 / Salt
 C: Black Hammock x2
 D: Sweetwater x2

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	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: BG-1L	Number of Bottles: 8	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
Bottle Type: P-120ML-WC-THI	Number of Bottles: 6	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: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: BG-500ML	Number of Bottles: 3	Preserved With: CH ₂ ClCOOH Pre-Preserved
W-CARB-AA	Template: DEFAULT	(EPA 8321B) Carbamates in water matrices by HPLC/MS/MS
Bottle Type: BG-500ML	Number of Bottles: 8	Preserved With: ICE
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCL-SQ-R	Template: DEFAULT	(EPA 8270E) Organochlorine pesticides in water matrices by GC/MS-SIM
Bottle Type: BG-500ML	Number of Bottles: 3	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group A (Water) With 3 Samples:

Bottle Type: BG-500ML	Number of Bottles: 3	Preserved With: ICE
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: 3	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

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
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*Boron
Aluminum
Antimony
Arsenic
Cadmium
Chromium
Copper
Lead
Nickel
Selenium
Silver
Thallium

Bottle Type: P-500ML	Number of Bottles: 3	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: 3	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 3 Samples:

Bottle Type: P-120ML-WC-THI	Number of Bottles: 6	Preserved With: ICE
CD-AEL-EC	Template: DEFAULT	(EPA 1603) E. coli by MF by AEL in Altamonte Springs
Bottle Type: BG-500ML	Number of Bottles: 3	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 Group C (Water) With 2 Samples:

Bottle Type: P-120ML-WC-THI	Number of Bottles: 4	Preserved With: ICE
CD-AEL-EC	Template: DEFAULT	(EPA 1603) E. coli by MF by AEL in Altamonte Springs
Bottle Type: QPCR-P-500ML	Number of Bottles: 2	Preserved With: ICE
PCR-BACR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
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: 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: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group D (Water) With 2 Samples:

Bottle Type: P-120ML-WC-THI	Number of Bottles: 4	Preserved With: ICE
CD-AEL-EC	Template: DEFAULT	(EPA 1603) E. coli by MF by AEL in Altamonte Springs

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

Cooler Packing Worksheet for Request: RQ-2019-10-14-46

Site

Ship Cooler On: 10/4/2019

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

Please return
packing list with
sample submittal
forms.

Comments:

No preservatives needed.

A: Gee / Soldier / Howell

B: Bear x2 / Salt

C: Black Hammock x2

D: Sweetwater x2

Requested Analyses:

Bottle Group: A

of Sites: 3

Container ID: P-1L

Qty: 3

Preservation: ICE

Lot #

00073854

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: 6

Preservation: ICE

Lot #

WK20

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: 3 Preservation: ICE

Lot #

0007 TR
1259820

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: BG-500ML

Qty: 3 Preservation: CH₂ClCOOH Pre-Preserved

Lot #

00075246

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CARB-AA

Description

Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML

Qty: 8 Preservation: ICE

Lot #

00075246

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CT-CI-R

W-PCL-SQ-R

Description

Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization

Organochlorine pesticides in water matrices by GC/MS-SIM

Container ID: BG-500ML

Qty: 3 Preservation: ICE

Lot #

00075246

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 3 Preservation: HNO₃

Lot #

00075342

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: 3 Preservation: ICE And H2SO4

Lot # 00075342

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: 3 Preservation: FILTER-ICE

Lot # 00074800

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Container ID: BG-1L

Qty: 8 Preservation: ICE

Lot # 00074098

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-PSNP-TQ

Description

Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Bottle Group: B

of Sites: 3

Container ID: P-120ML-WC-THI

Qty: 6 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: BG-500ML

Qty: 3 Preservation: ICE

Lot # 00075246

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group: C**# of Sites: 2**

Container ID: P-120ML-WC-THI Qty: 4 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: QPCR-P-500ML Qty: 2 Preservation: ICE

Lot # 00071457

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

Analysis

PCR-BACR

PCR-HF183

Description

Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction

Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Container ID: BG-500ML Qty: 2 Preservation: ICE

Lot # 00075246

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group: D**# of Sites: 2**

Container ID: P-120ML-WC-THI Qty: 4 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

Cooler Packed By: Tyler R

Number of Coolers: 4

Date: 10/04/19

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-2019-10-14-46