

RQ-2019-10-21-05

Login Checklist

Login Station ID: #4

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 10/22/2019 @ 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? Yes No	*Intact? Yes No		
2.3°C				6		x			1278 4007 8907

*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 ☐

**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)

Chlorine detected? (One container checked per Field ID)

Yes ☒ No ☐ Init: JylerYes ☐ No ☒ Init: Jyler

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: Jyler

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

Coolers Unpacked/Checked by: Jyler Date: 10/22/2019NCRs (Y/N)? N

Event ID: English, Pemberton, Baker, Spartman, SW-DIST-2019-10-22-01 (SMP)

NCR #

Date Received: 22-OCT-2019 10:10

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_04_2018 EXP:04/29/2020
pH Test Strips 0 – 6 Lot #	213316AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	N/A
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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: S Meyer

Collected By: B Paswater & S Meyer

Sampling Agency: FDEP SW ROC

Field ID/WIN G2SW0049 		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/21/2019 Time 11:10	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) B	
Site Name: Poley Creek @ SR 60		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 5.98	☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) _____
Latitude _____ Longitude _____ ☐ dd ☐ dms		Temp (C) 24.9	pH 6.74	Sample Depth 0.3	☐ ft ☒ m		Sp. Conductance (umho/cm) 215.4
☐ dd ☐ dms		Salinity (ppt) 0.10	Comments E Coli dropped @ AEL				
Field ID/WIN G2SW0067 		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/21/2019 Time 10:20	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) B	
Site Name: Spartman Branch at Harvey Tew Rd		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 3.37	☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) _____
Latitude _____ Longitude _____ ☐ dd ☐ dms		Temp (C) 24.6	pH 5.66	Sample Depth 0.3	☐ ft ☒ m		Sp. Conductance (umho/cm) 138.4
☐ dd ☐ dms		Salinity (ppt) 0.06	Comments E Coli dropped @ AEL				
Field ID/WIN G2SW0085 		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/21/2019 Time 10:05	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) C	
Site Name: Pemberton Creek @ Gallagher Rd		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 5.92	☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) _____
Latitude _____ Longitude _____ ☐ dd ☐ dms		Temp (C) 24.5	pH 5.49	Sample Depth 0.3	☐ ft ☒ m		Sp. Conductance (umho/cm) 142.3
☐ dd ☐ dms		Salinity (ppt) 0.07	Comments E Coli dropped @ AEL				
Field ID/WIN G2SW0026 		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/21/2019 Time 10:50	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) B	
Site Name: Mustang Ranch Creek @ Hopewell		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 5.83	☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) _____
Latitude _____ Longitude _____ ☐ dd ☐ dms		Temp (C) 25.2	pH 6.30	Sample Depth 0.3	☐ ft ☒ m		Sp. Conductance (umho/cm) 131.8
☐ dd ☐ dms		Salinity (ppt) 0.06	Comments E Coli dropped @ AEL				

Relinquished By: <i>Sarah Meyer</i>	Date/Time 10/21/2019 1700	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By: <i>Jylie Reynolds</i>	Date/Time 10/27/19 010:10
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CHLSUITE-W						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	PCR-BACR PCR-HF183						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	SWD-AEL-EC						
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:	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:	QPCR-P-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	PCR-BACR PCR-HF183						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	SM 3 3
	SWD-AEL-EC						

* dropped @ AEL

Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	W-E8321-DI						
	W-E8321-MS						

Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	SWD-AEL-EC						

* dropped @ AEL



Advanced
Environmental Laboratories, Inc.

☐ **Gainesville:** 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
☐ **Jacksonville:** 6881 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
☐ **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 SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE	Analysis Required E Coli					LABORATORY I.D. #
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: B5A496								
Phone: 813-470-5770		Project Address:								
Contact: Judy Ashton 813-470-5772		Special Instructions: RQ-2019-10-21-05								
Sampled By:										
Turn Around Time: ☒ STANDARD ☐ RUSH										
Page: 1 of 1		☐ ADaPT ☐ EQulS ☐ Other								

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	TIME	MATRIX	NO. COUNT	PRE SER. VATI ON								
Field ID/WIN G2SW0049			10/21/19	11 10	SW	1									
Site Name: Poley Creek @ SR 60															
Field ID/WIN G2SW0067			10/21/19	10 20	SW	1									
Site Name: Spartman Branch at Harvey Tew Rd															
Field ID/WIN G2SW0085			10/21/19	10 05	SW	1									
Site Name: Pemberton Creek@Gallagher Rd															
Field ID/WIN G2SW0026			10/21/19	10 50	SW	1									
Site Name: Mustang Ranch Creek @ Hopewell															
Field ID/WIN G2SW0006															
Site Name: English Creek above SR 60															

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 A: 3A M: 3A S: 1V

Relinquished by:	Date	Time	Received by:	Date	Time
1 Sarah May	10/21/19	11 50		10/21/19	11 45

FOR DRINKING WATER USE:

PWS ID:

Printed: 10/22/2019 11:55:18 AM

Page 1 of 2

Date of Request: 24-JUL-2019
 Created By: ASHTON_J On: 24-JUL-2019
 Modified By: JASROTIA_P On: 24-SEP-2019
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: English, Pemberton, Baker, Spartman, Mustang, Poley

Send Coolers To:

Phone: 813-470-5772
 FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Judy Ashton

Program Module Number:

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 24-SEP-2019
 Biology Request Reviewed By: JASROTIA_P On: 24-SEP-2019
 Sampling Kit Required: YES Ship on: 11-OCT-2019
 Sampling Kit Shipped: YES On: 07-OCT-2019
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 21-OCT-2019
 Received By:

Send Final Report To:

FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Judy Ashton

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: 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: QPCR-P-500ML	Number of Bottles: 1	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: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
SWD-AEL-EC	Template: DEFAULT	(EPA 1603) E. coli by MF by AEL in Tampa
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: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
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 4 Samples:

Bottle Type: BG-500ML	Number of Bottles: 4	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: QPCR-P-500ML	Number of Bottles: 4	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: P-250ML-WI-THI	Number of Bottles: 4	Preserved With: ICE
SWD-AEL-EC	Template: DEFAULT	(EPA 1603) E. coli by MF by AEL in Tampa

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
SWD-AEL-EC	Template: DEFAULT	(EPA 1603) E. coli by MF by AEL in Tampa

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