

Log-in Checklist

RQ- **2019 - 07 - 15 - 37**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **07-18-2019 / 09:40**

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	
2.7C				10		X			4751 8781 0636

* 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 **X No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes **✓** No **✗** **ABS**

****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 **X No **Containers intact? Yes **X** No
 Sufficient Sample Volume: Yes **X No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes **X** No Init: **ABS**

Chlorine detected? (One container checked per Field ID) Yes No **X** Init: **ABS**

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 **X No NA Init: **ABS**

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

Coolers Unpacked/Checked by: **ABS** Date: **07-18-2019** NCRs (Y/N)?

Event ID: **SW-DIST - 2019 - 07 - 18 - 01** 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:	REC 03 2018 EXP:04/29/2020
pH Test Strips 0 – 6 Lot #	213316AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	220416A EXP:07/30/2020
pH Paper 0 – 13 Lot #	215517 exp:jun 1 2020
Chlorine Test Strips Lot #	8212 2021 / 05

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: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Project ID: SMP

Collected By: Judy Ashton, Ben Pashman

Sampling Agency: FDEP

Location	Field ID/WIN G2SW0026	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-17-19 Time 1115	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/S	Site Name: Mustang Ranch Creek @ Hopewell	Temp (C) 26.9	pH 7.07	Sample Depth 0.3	Sp. Conductance (umho/cm) 220.9	
Latituc	☐ dms	Salinity (ppt) 0.10	Comments: E. COLI DROPPED OUT 2 BENCHMARK			
Location	Field ID/WIN G2SW0067	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-17-19 Time 1030	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)	B
WIN	Site Name: Spartman Branch at Harvey Tew Rd	Temp (C) 26.4	pH 6.51	Sample Depth 0.3	Sp. Conductance (umho/cm) 149.1	
Latit	☐ dms	Salinity (ppt) 0.07	Comments: E. COLI DROPPED OUT 2 BENCHMARK			
Location	Field ID/WIN G2SW0049	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-17-19 Time 1100	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)	B
WIN	Site Name: Poley Creek @ SR 60	Temp (C) 26.3	pH 7.24	Sample Depth 0.3	Sp. Conductance (umho/cm) 292.4	
Latit	☐ dms	Salinity (ppt) 0.14	Comments: E. COLI DROPPED OUT 2 BENCHMARK			
Location	Field ID/WIN G2SW0080	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7-17-19 Time 1000	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)	A
WIN	Site Name: Baker Creek East@Pemberton Dr	Temp (C) 26.6	pH 6.63	Sample Depth 0.3	Sp. Conductance (umho/cm) 176.0	
Latit	☐ dms	Salinity (ppt) 0.08	Comments: E. COLI DROPPED OUT 2 BENCHMARK			

Relinquished By: J. Ashton	Date/Time: 7-17-19 1600	Shipping Method: FedEx	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 7-18-19/9.40
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From Sample. AS 07-18-19

Group: A	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: P-250ML-WI-THI SWD-AEL-EC SW-BEA-ECQ	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: QPCR-P-500ML PCR-BACR PCR-HF183	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: P-250ML-WI-THI SWD-AEL-EC	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: P-250ML-WI-THI SWD-AEL-EC SW-BEA-ECQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab

Florida Department of Environmental Protection
Central Laboratory Submittal Form

RUN 2

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: _____

Project ID: SMP

Collected By: _____

Sampling Agency: _____

Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) (See pg 2)
Field ID/WIN G2SW0081		☒ Grab	Date 7-17-19	Time 0950	Central	Date	Time	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L	Total Res. Chlorine (mg/L)	A
WIN/STORE	Site Name: Baker Creek East@McIntosh Rd			6.99		☐ % sat		
Latitude	☐ dms	Temp (C) 26.5	pH 7.00	Sample Depth 0.3	☐ ft	Sp. Conductance (umho/cm) 170.3		E. COLI DROPPES NT @ BENTLEY
		Salinity (ppt) 0.08	Comments					
Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID/WIN G2SW0085		☒ Grab	Date 7-17-19	Time 1010	Central	Date	Time	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L	Total Res. Chlorine (mg/L)	C
WIN/STORE	Site Name: Pemberton Creek@Gallagher Rd			6.92		☐ % sat		
Latitude	☐ dms	Temp (C) 26.3	pH 6.75	Sample Depth 0.3	☐ ft	Sp. Conductance (umho/cm) 170.4		E. COLI DROPPES NT @ BENTLEY
		Salinity (ppt) 0.08	Comments					
Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID		☐ Grab	Date	Time	Central	Date	Time	
WIN/STORE #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L	Total Res. Chlorine (mg/L)	
						☐ % sat		
Latitude	☐ dd	Longitude	☐ dd	Salinity (ppt)	Comments			
	☐ dms		☐ dms					
Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID		☐ Grab	Date	Time	Central	Date	Time	
WIN/STORE #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L	Total Res. Chlorine (mg/L)	
						☐ % sat		
Latitude	☐ dd	Longitude	☐ dd	Salinity (ppt)	Comments			
	☐ dms		☐ dms					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
				AS	7-18-19/9:40

Group: A	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: P-250ML-WI-THI SWD-AEL-EC SW-BEA-ECQ	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: QPCR-P-500ML PCR-BACR PCR-HF183	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: P-250ML-WI-THI SWD-AEL-EC SW-BEA-ECQ	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: P-250ML-WI-THI SWD-AEL-EC SW-BEA-ECQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1

Benchmark EnviroAnalytical, Inc

1711 12th Street East

Palmetto, FL 34221

941-723-9986

941-723-6061 Fax

PO# B578CL6

RQ-2019-07-15-37

Project Name:

Client Information:	FDEP
Address:	13051 N. TELLER RD TAMPA, FL 33637
Phone #	813-470-5771
Fax #	
Email	judy.ashton@dep.state.fl.us
Laboratory Submission #	19070774

Sample Name	Sample Type / Sample Matrix	Collection		Container			Preservative ⁴ Lab Preserved ☐	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ¹			
G2SWDD26 MUSTANG RANCH CREEK @ HAYWARD	SW	7-17-19	1115	1	120ML	P	ICE	E. COLI	1
G2SWDD67 SPARTAN BRANCH @ HAYWARD	SW	7-17-19	1030	1	"	"	"	E. COLI	2
G2SWDD49 POLEY CREEK @ SR 40	SW	7-17-19	1100	1	"	"	"	E. COLI	3
G2SWDD80 BAKER CREEK @ PLUMBERTON	SW	7-17-19	1000	1	"	"	"	E. COLI	4
G2SWDD81 BAKER CREEK @ MCINTOSH RD	SW	7-17-19	0950	1	"	"	"	E. COLI	5
G2SWDD85 PLUMBERTON CREEK @ BALLAGHER	SW	7-17-19	1010	1	"	"	"	E. COLI	6

¹ "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
² "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SEDIMENT), or sludge (SLDG).
³ "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
⁴ Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F).
⁵ "Preservative" is any preservative that was added to the sample container.

Instructions:

- Each bottle has a label identifying sample ID, preservative, container type, client ID, and parameters for analysis.
- The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sample's name or initials, and any field number or ID.
- All bottles not containing preservative may be rinsed with appropriate sample prior to collection.

⁴ The client is responsible for documentation of the sampling event. Please use special sampling vials on the sample run/sheet form.

1	Collected By: Judy Ashton	Date 7-17-19	Time 1115	Received By:	Date	Time
2	Relinquished By: Judy Ashton	Date 7-17-19	Time 1220	Received By:	Date 7-17-19	Time 1220

Laboratory Sample Acceptability:
pH < 8.0 Temperature: 4.3°C

Printed: 7/18/2019 11:37:20

Page 1 of 1

Date of Request: 20-JUN-2019
 Created By: ASHTON_J On: 20-JUN-2019
 Modified By: JASROTIA_P On: 26-JUN-2019
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: RUN 2

Send Coolers To:

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

Send Final Report To:

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

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 25-JUN-2019
 Biology Request Reviewed By: JASROTIA_P On: 26-JUN-2019
 Sampling Kit Required: YES Ship on: 05-JUL-2019
 Sampling Kit Shipped: YES On: 01-JUL-2019
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 15-JUL-2019
 Received By: SHAIK_A On: 18-JUL-2019

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

Comments: Tracers, Markers, E.coli

Bottle Group A (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
SWD-AEL-EC	Template: DEFAULT	(EPA 1603) E. coli by MF by AEL in Tampa
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 B (Water) With 3 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 3	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: 3	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: 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:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

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.