

RQ- 2019-12-02-52

Login Checklist

Login Station ID: #2Shipping Method: 0 FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 12/5/19 @ 10:10

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				4		✓			1278 9009 S108

*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)

Yes ☒ No ☐ Init: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☐ Init:

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: IMW-1-4-DIOX (Green dot on container) preserved to pH < 4.0? 5 Yes ☒ No ☐ NA ☒ Init: IMCoolers Unpacked/Checked by: IMDate: 12/4/19NCRs (Y/N)? NEvent ID: Groover / UnBranchDate Received: 05-DEC-2019 10:10NCR #

Login 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_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 #	8261 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

Project ID: SMP

Requester: Michael Linger

Collected By: Natalie Ayala / Liz BatesField Report Prepared By: Natalie AyalaSampling Agency: FDEP

Location	WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/3/2019</u> Time <u>10:58</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID	Groover Branch at Airport Road Bridge		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>7.14</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<u>B</u>
WIN/STC			Temp (C) <u>13.6</u>	pH <u>6.51</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>204.4</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.10</u>	Comments		
Location	WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/03/2019</u> Time <u>11:16</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	Groover Branch at Tymber Run Road		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>7.31</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<u>B</u>
WIN/STC			Temp (C) <u>14.2</u>	pH <u>6.70</u>	Sample Depth <u>0.374</u>	Sp. Conductance (umho/cm) <u>240.7</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.11</u>	Comments		
Location	WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/03/2019</u> Time <u>11:36</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	Unnamed Branch @ Bear Creek Path		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>5.49</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<u>A</u>
WIN/STC			Temp (C) <u>13.3</u>	pH <u>6.72</u>	Sample Depth <u>0.15</u>	Sp. Conductance (umho/cm) <u>467.8</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.23</u>	Comments		
Location	WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/03/2019</u> Time <u>11:57</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	Unnamed Branch @ 60m upstream of Airport Road		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>7.21</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<u>A</u>
WIN/STC			Temp (C) <u>12.3</u>	pH <u>6.94</u>	Sample Depth <u>0.2</u>	Sp. Conductance (umho/cm) <u>420.9</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.20</u>	Comments		

Relinquished By: <u>[Signature]</u>	Date/Time <u>12/3/19 1600</u>	Shipping Method <u>Fed Ex</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>Ian Mcloy</u>	Date/Time <u>12/5/19 10:10</u>
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Group: A	Bottle Type: P-120ML-WC-THI CD-AEL-EC	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>2</u> submitted to contract lab
Group: A	Bottle Type: QPCR-P-500ML PCR-HF183	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: A	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>2</u>
★ Group: B	Bottle Type: P-120ML-WC-THI CD-AEL-EC	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>NA + 2</u> submitted to contract lab
Group: C	Bottle Type: P-120ML-WC-THI CD-AEL-EC	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>Ø</u>
Group: C	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>Ø</u>

★ Bottle Group B increased to 2 sites



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		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: RW-2019-12-02-52															
Contact: Mike Linger																	
Sampled By: Mike Linger		☐ ADaPT ☐ EQuls ☐ Other		ANALYSIS REQUIRED													
Turn Around Time: ☒ STANDARD ☐ RUSH																	
Page: 1 of 1																	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	PRESERVATION												
			DATE	TIME															
G5CE0084	Unnamed Branch @ 60m USof Airport Rd. G		12/3/19	1157	SW	1		Ice											
G5CE0032	Unnamed Branch @ Bear Crk Path G		12/3/19	1136	SW	1													
G5CE0041	Groover Branch @ Tymber Run Rd G		12/3/19	1116	SW	1													
G5CE0040	Groover Branch @ Airport Rd Bridge G		12/3/19	1058	SW	1													
								Ice											

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 4 (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
[Signature]		12/3/19	1306	[Signature]		12/3/19	1306

FOR DRINKING WATER USE:

PWS ID: _____

Contact Person: _____ Phone: _____

Supplier of Water: _____

Site-Address: _____

Printed: 12/5/2019 11:31:19 AM

Date of Request: 14-NOV-2019
 Created By: LINGER_M On: 14-NOV-2019
 Modified By: JASROTIA_P On: 15-NOV-2019
 Customer: CEN-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Central District
 Sampling Event: Groover / UnBranch

Send Coolers To:

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

Send Final Report To:

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: 15-NOV-2019
 Biology Request Reviewed By: JASROTIA_P On: 15-NOV-2019
 Sampling Kit Required: YES Ship on: 22-NOV-2019
 Sampling Kit Shipped: YES On: 19-NOV-2019
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 02-DEC-2019
 Received By:

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

Comments: A: UnBranch x2
 B: Groover x2
 C: UnBranch DUP / Blank

Bottle Group A (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-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 B (Water) With 1 Samples:

Bottle Type: P-120ML-WC-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 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: 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

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