

Project Title: Whiskey/Billy/Orange

Location Code: WHISGR10

Location Coordinates: N26.575010, W-81.890989

Location Description: Whiskey Creek Golf Course Cart Bridge, Upstream

Sample Collection Time: 9:01

Lab ID# AD51173

Sample Collectors: Liza Rollins & Patrick Daughy

Date: 8/21/2017

*Nitric Acid added upon return to Lab

**Pre-Preserved with Sodium Thiosulfate by Thermo Scientific

3	Temp (°C)	SpCond (µS/cm)	D.O. (%)	D.O. (mg/L)	pH	Velocity (ft/s)	DFTOSTWS (ft)	Sample Depth (m)	Total Depth (m)	SAMP = Regular Sample	PP = Polypropylene
Field Parameters	28.95	832	52.10	4.00	7.29	0.100	4.85	0.50	1.50	FB = Field Blank	PE = Polyethylene
Qualifiers						U				FCB = Field Cleaned	CG = Clear Glass
										Equipment Blank	G = Grab
										SWF = Surface Water Fresh	GV = Grab Van Dorn

Flow Calculation (if Applicable):

Flow (ft³/s):

Flow MDL:

Flow Qualifier:

Collection Method: G

Sample Type: SAMP

Sample Matrix: SWF

Equipment Used

YSI Data Logger and/or Sonde ID# G

Calibrated: 8/21/2017 (see Field Equipment Calibration Log)

Opaque Horizontal Van Dorn # (if applicable):

Velocity Meter ID# 38

Distance Measuring Tool ID# 5349

0.45µm Filter, 47mm PP Filter Holder, & 60mL Syringe

Filter Lot # R6PA37157 Exp Date: 3/8/2020

30mL FEP Drop Bottle w/Sulfuric Acid (see preservatives)

0.0-3.0 pH Test Paper for pH Verification

Containers of Analyte Free Water for Rinsing and Blank

- ☒ DFTOSTWS taken from middle of cart bridge
- ☒ Samples submerged in ice within 15min.
- ☒ Samples preserved with Sulfuric Acid acidified in field within 15min.

☒ Filtered sample filtered on site

☒ Equipment & Bottles cleaned according to DEP

FC1000 and LCEL Field Sampling Quality Manual

☒ Velocity not detectable and/or is lower than MDL

☐ Acidified samples pH verified in field (quarterly)

Quarterly Months: January, April, July, October

☐ @NP bottle used to fill all other bottles.

Preservatives	Lot#	Exp. Date
H ₂ SO ₄	3114100	11/13/2017
HNO ₃ *	1115041	4/29/2017
Na ₂ S ₂ O ₃	170129	6/30/2030

Misc: water flowing over weir

Signature of Sample Collector(s) and Date:

Liza Rollins 8/21/17

08-22-17
10:20

Lab Certification: E45049
LCEL_FF_COC Field 20160822R0

Analysis Request

LCEL does not accept any samples used for evidentiary purposes

Report/Result Information		Billing/Invoice Information		Matrix Codes:		Preservative Codes:											
Name: DNRM	Name: DNRM	DW-Drinking Water	SW-Surface Water	NP-No Preservative	S-Sulfuric Acid												
Address: 1500 Monroe St. Ft. Myers, FL 33901	Address: 1500 Monroe St. Myers, FL 33901	GW-Ground Water	SWF-Surface Water Fresh	N-Nitric Acid	FF-Field Filtered(NP)												
Phone/Fax/Cell: 239-533-8109	Phone/Fax/Cell: 239-533-8109	WW-Wastewater	SWE-Surface Water Estuarine	FD-Field Parameter	H-Hydrochloric Acid												
		CONC-Concentrate	SWM-Surface Water Marine	ST-Sodium Thiosulfate	AC-Ammonium Chloride												
		SD-Soil	LE-Landfill Leachate	AA-Ascorbic Acid	SH-Sodium Hydroxide												
		SE-Sediment	RA-Atmospheric Deposition	M-Monochloroacetic Acid	ZA-Zinc Acetate												
		SL-Sludge	WWS-Wastewater Sludge	EDA-Ethylene Diamine	SS-Sodium Sulfite												
		SA-Saline	O-Other	MS-Manganous Sulfate Solution													
				AIA-Alkaline-Iodide-Azide Reagent													
Sample Collector(s) (please print):		Sample Collector Signature:		Analyses Required and Preservatives (See Codes)													
Liza Rollins & Patrick Daughy		Liza Rollins															
Relinquished By: (signature)	Date & Time (24hr)	Received By: (signature)		Login Record File 170800119													
Liza Rollins	8/21/2017 12:00	Liza Rollins															
Relinquished By: (signature)	Date & Time (24hr)	Received By: (signature)															
Bob OB	8/21/17 14:30	Bob OB		#400 Condif. Diffus. pHF Temp DEFTOSTWS Velocity Flow Sample MUC2QT, Entero Chlorophyll, Chlorophyll BOD, BOD5, C/P, Color, NO2, NO3, TSS, Turb O-PO4, Silica TKN, TN, F-PO4, NH3, NOX, ONIT #WS Metals, ThiodC, Dgent W													
Relinquished By: (signature)	Date & Time (24hr)	Received By: (signature)															
Sample(s) on wet ice? ☒ Yes ☐ No		Temp (°C): 23		FD	FD	FD	FD	FD	ST	NP	NP	FF	S	N			
Collection Date & Time (24hr)	Sample Location & Description	Sample Matrix	# of Sample Containers Submitted												Lab ID#		
8/21/2017 8:29	WHISGR50 Whiskey Cr @US41 and Brantley	SWF	X	X	X		X	2	1	1	1	1	1				AD51171
8/21/2017 8:45	WHISGR18 ECC#1 Canal @ College Pkwy; Upstream	SWF	X	X	X		X	2	1	1	1	1	1				AD51172
8/21/2017 9:01	WHISGR10 Whiskey Cr @ Golfcourse cart bridge, upstr	SWF	X	X	X		X	4	1	2	1	1	1				AD51173
8/21/2017 9:43	BILLGR20 Billy Creek @ Veronica Shoemaker	SWF	X	X	X		X	2	1	1	1	1	1				AD51174
8/21/2017 10:09	BILLGR60 Billy Creek @ Ortiz, upstream	SWF	X	X	X		X	2	1	1	1	1	1				AD51175
8/21/2017 10:30	40-18GR Orange Riv/Buck Rd, Up	SWF	X	X	X		X	2	1	1	1	1	1				AD51176
8/21/2017 11:28	40-32GR Orange Riv N of Harnes Marsh N	SWF	X	X	X		X	2	1	1	1	1	1				AD51177
8/21/2017 11:35	WSEQB Watershed Equipment Blank	SWF					X	2	1	1	1	1	1				AD51178

* DEP Bottles

Printed: 8/22/2017 14:05:20

Page 1 of 1

Date of Request: 14-FEB-2017
Created By: ANDERSON_C On: 14-FEB-2017
Modified By: MATTHEWS_D On: 06-JUN-2017
Customer: SO-DIST
Project: SMP
Division: Not Applicable
District:
Sampling Event: Lee County Tracers & Markers

Send Coolers To:

Phone: (239) 533-8600
Lee County Environmental Lab
60-2 Danley Dr
Fort Myers, FL 33907
Attn: Rick Armstrong

Program Module Number:

Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: CLONE_TEMP On: 02-JUN-2017
Biology Request Reviewed By: MATTHEWS_D On: 06-JUN-2017
Sampling Kit Required: YES Ship on: 07-JUN-2017
Sampling Kit Shipped: YES On: 07-JUN-2017
Sampling Kit Packed By: GREENWOO_J
Preservatives Needed: NO
Date to Receive Samples: 19-JUN-2017
Received By: SHAIK_A On: 22-AUG-2017

Send Final Report To:

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

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

Comments: DEP Lab: please send enough coolers for 3 sampling events (at least 3 coolers).

Lee County is analyzing bacteria for PCR-FILTER test.

Waterbodies:
Chapel (Bayshore) Creek
Cypress Creek
Powell Creek
Owl Creek
Telegraph Creek
Trout Creek
Whiskey Creek

Bottle Group A (Water) With 7 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 14	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: BG-1L	Number of Bottles: 7	Preserved With: ICE
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea 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.

Log-in Checklist

RQ- 2017-06-19-09

Shipping Method: Red Express

Date/Time of Receipt: 08-22-17/10:20

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
Yes	No	Yes	No				
BLUE	2.8C	3		✓			

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

**Note: If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No

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 (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX		✓	W-PC-AA-SF		
W-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R			W-CT-CI-R		

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes No NA ✓ Init: ABD

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

Coolers Unpacked/Checked by: ABD

8-22-17

NCRs (Y/N)?

Event ID: Lee County Tracers & Markers
SO-DIST-2017-08-22-01 (SMP)
 Date Received: 22-AUG-2017 10:20

NCR #

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	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

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____ No____

If 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: _____

Additional Comments:

ORIGIN ID: FMYA (239) 533-8800
 MISHEL MULLAN
 LEE COUNTY ENVIRONMENTAL LAB
 80 DANLEY DR
 UNIT 2
 FT MYERS, FL 33907
 UNITED STATES US

SHIP DATE: 21AUG17
 ACTWGT: 50.00 LB
 CAD: 4923492/INET3920

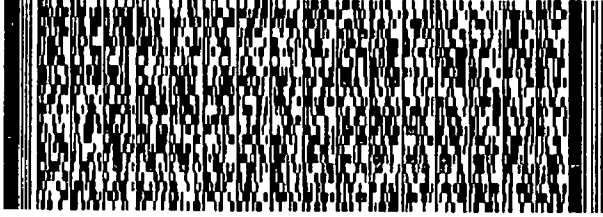
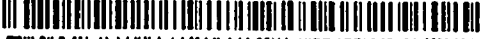
BILL THIRD PARTY

TO FL DEP CHEMISTRY LAB
 CHEMISTRY LAB
 2600 BLAIRSTONE RD
 ATTN: SAMPLE RECEIVING
 TALLAHASSEE FL 32399

(850) 245-8336
 INV
 PO

REF TALLAHASSEE 09/21/17

DEPT

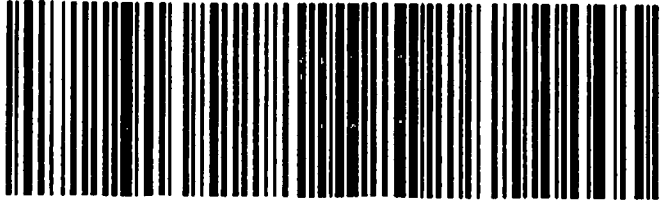


TRK# 7700 6920 1342
 0201

TUE - 22 AUG 10:30A
 PRIORITY OVERNIGHT

XH TLHA

32399
 FL-US TLH



549J157E104C

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number. Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.