

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: 9:53

Lab ID# AD53681

Sample Collectors: Bret O'Brien & Patrick Daughy

Date: 9/25/2017

*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)
Field Parameters	28.04	700	28.20	2.21	7.23	0.100	4.80	0.50	1.30
Qualifiers						U			

SAMP = Regular Sample

PP = Polypropylene

FB = Field Blank

PE = Polyethylene

FCEB = 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# 11

Calibrated: 9/25/2017 (see Field Equipment Calibration Log)

Opaque Horizontal Van Dorn # (if applicable):

Velocity Meter ID# 5349

Distance Measuring Tool ID# 2b

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

Filter Lot # R6PA17157 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.

Misc: water flowing over weir

Signature of Sample Collector(s) and Date:

B. O'Brien 9/25/17

AD 09-26-17
10:30

Bottles	Number	Size	Material	Pre-Preserved	Lab ID#
@CHLORO	1	1L	PE	N/A	AD53681
@NP	2	1L	PE	N/A	AD53681
@NP/IL	1	250mL	PE	N/A	AD53681
@H2SO4	1	250mL	PE	No	AD53681
@HNO3	1	250mL	PE	No*	AD53681
@BACT	4	100mL	PP	- Yes**	AD53681

Preservatives	Lot #	Exp. Date
H ₂ SO ₄	3114100	11/13/2017
HNO ₃ *	1116110	12/16/2018
Na ₂ S ₂ O ₃	170129	6/30/2030

Lab Certification: E45049
LCEL_FT_COC Field 20160822R0

Lee County Environmental Laboratory
60-2 Danley Dr Ft Myers, FL 33907
Phone: (239) 533-8600

Chain of Custody Record

ICFEL does not accept any samples used for evidentiary purposes

[illegible]

* DEF Bottles

Date of Request: 14-FEB-2017
 Created By: ANDERSON_C On: 14-FEB-2017
 Modified By: SWANSON_C On: 02-AUG-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: WATTS_J On: 01-AUG-2017
 Biology Request Reviewed By: SWANSON_C On: 02-AUG-2017
 Sampling Kit Required: YES Ship on: 07-AUG-2017
 Sampling Kit Shipped: YES On: 07-AUG-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 21-AUG-2017
 Received By: SHAIK_A On: 26-SEP-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 in 3 coolers.

Lee County is analyzing bacteria

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- 2017-08-21-03

Shipping Method: Fed Ex

Date/Time of Receipt: 9-26-17/10:30

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				
BLV	3.6C	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: ABP

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

Coolers Unpacked/Checked by: ABP Date: 9-26-17 NCRs (Y/N)? 2

Event ID: Lee County Tracers & Markers
SO-DIST-2017-09-26-03 (SMP)
 Date Received: 26-SEP-2017 10:30

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) 533-8600
 MISHEL MULLAN
 LEE COUNTY ENVIRONMENTAL LAB
 80 DANLEY DR
 UNIT 2
 FT MYERS, FL 33907
 UNITED STATES US

SHIP DATE: 25SEP17
 ACTWGT: 30.00 LB
 CAD: 4923482/INET3920

BILL SENDER

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

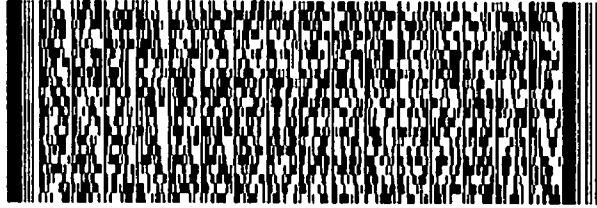
(850) 245-8336

REF WBO0912517

BV
 PO

DEPT

549,11FF19104C



FedEx.
Express



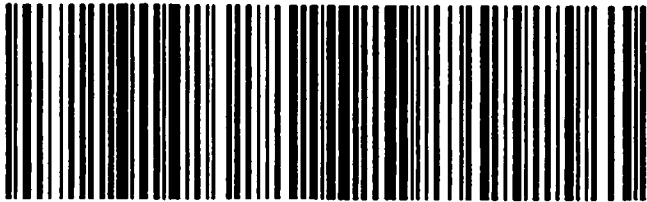
072117812318

TRK# 7703 3427 2420
 0201

TUE - 26 SEP 10:30A
 PRIORITY OVERNIGHT

XH TLHA

32399
 FL-US TLH



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