

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: 8:57

Lab ID# AD48500

Sample Collectors: Bret O'Brien

Date: 7/18/2017

Bottles	Number	Size	Material	Pre-Preserved	Lab ID#
@CHLORO	1	1L	PE	N/A	AD48500
@NP	2	1L	PE	N/A	AD48500
@NPFIL	1	250mL	PE	N/A	AD48500
@H2SO4	1	250mL	PE	No	AD48500
@HNO3	1	250mL	PE	No*	AD48500
@BACT	4	100mL	PP	Yes**	AD48500

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	27.99	913	44.20	3.45	7.25	0.100	4.82	0.50	1.40
Qualifiers						U			

*Nitric Acid added upon return to Lab

**Pre-Preserved with Sodium Thiosulfate by Thermo Scientific

SAMP ~ Regular Sample
PP ~ Polypropylene
FB ~ Field Blank
PE ~ Polyethylene
FCED ~ 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: 7/17/2017 (see Field Equipment Calibration Log)

Opaque Horizontal Van Dorn # (if applicable):

Velocity Meter ID# 1b

Distance Measuring Tool ID# 5346

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

Filter Lot # R6EA63342 Exp Date: 1/31/2018

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:

3/0B 7/18/17

Preservatives	Lot #	Exp. Date
H ₂ SO ₄	3114100	11/13/2017
HNO ₃ *	1115041	4/29/2017
Na ₂ S ₂ O ₃	160921	10/24/2038

FB 7/19/17 10:00

Lab Certification: E45049
LCEL FF COC Field 20160822R0

Analysis Request

LCEL does not accept any samples used for evidentiary purposes

[illegible]

* DEP Boats

Date of Request: 02-MAR-2017
 Created By: ANDERSON_C On: 02-MAR-2017
 Modified By: MATTHEWS_D On: 14-JUN-2017
 Customer: SQ-DIST
 Project: SMP
 Division: Not Applicable
 District:
 Sampling Event: Lee Co 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: 13-JUN-2017
 Biology Request Reviewed By: MATTHEWS_D On: 14-JUN-2017
 Sampling Kit Required: YES Ship on: 15-JUN-2017
 Sampling Kit Shipped: YES On: 15-JUN-2017
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: NO
 Date to Receive Samples: 03-JUL-2017
 Received By: SHAIK_A On: 19-JUL-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 running bacteria samples.

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- 2017-07-03-08

Shipping Method: Fed Exp

Date/Time of Receipt: 07-19-17 / 10:00

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	
Red	2.8c	3		No			

*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		<u>✓</u>	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: ABJ

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

Coolers Unpacked/Checked by: ABJ Date: 7-19-17 NCRs (Y/N)?

Event ID: Lee Co Tracers & Markers
SO-DIST-2017-07-19-02 (SMP) NCR #

Date Received: 19-JUL-2017 10:00

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):

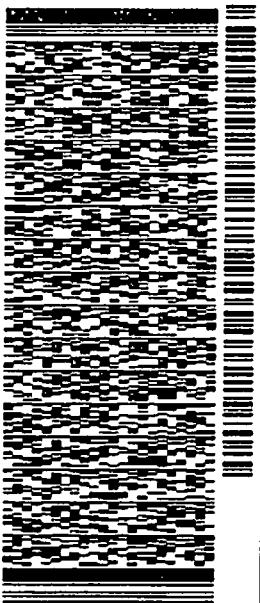
Samples preserved within 48 hours? Yes____ No____

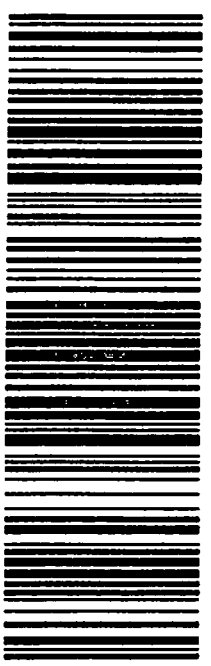
Date and time samples preserved: _____

Additional Comments:

ORIGIN ID: ENYA (239) 533-8600 MISHEL MULLAN LEE COUNTY ENVIRONMENTAL LAB 60 DANLEY DR UNIT 2 FT MYERS, FL 33907 UNITED STATES US		SHIP DATE: 18 JUL 17 ACTWGT: 50.00 LB CMO: 49234921NE13920
TO FL DEP CHEMISTRY LAB CHEMISTRY LAB 2600 BLAIRSTONE RD ATTN: SAMPLE RECEIVING TALLAHASSEE FL 32399 (850) 245-8336 INV REF 07/18/17 PO DEPT		BILL RECIPIENT

TRK# 7796 6968 5648
 WED - 19 JUL 10:30A
 PRIORITY OVERNIGHT
 FL-US TLH 32399



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