

Analysis Request

Chain of Custody Record

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 GW-Ground Water WW-Wastewater CONC-Concentrate SO-Soil SE-Sediment SL-Sludge SA-Saline			SW-Surface Water SWF-Surface Water Fresh SWE-Surface Water Estuarine SWM-Surface Water Marine LE-Landfill Leachate RA-Atmospheric Deposition WWS-Wastewater Sludge O-Other			S-Sulfuric Acid FF-Field Filtered(NP) H-Hydrochloric Acid AC-Ammonium Chloride SH-Sodium Hydroxide ZA-Zinc Acetate SS-Sodium Sulfite MS-Manganous Sulfate Solution AIA-Alkaline-Iodide-Azide Reagent			
Address: 1500 Monroe St. Ft. Myers, FL 33901		Address: 1500 Monroe St. Myers, FL 33901		Phone/Fax/Cell: 239-533-8109			Sample Collector(s) (please print)			Sample Collector Signature			
Patrick Daughtry		Relinquished By: (signature)		Date & Time (24hr)		Received By: (signature)		Analyses Required and Preservatives (See Codes)			Login Record File		
Relinquished By: (signature)		Date & Time (24hr)		5/9/2017 12:40		Received By: (signature)		FD			FD		
Relinquished By: (signature)		Date & Time (24hr)		5/9/17 1345		Received By: (signature)		FD			FD		
Relinquished By: (signature)		Date & Time (24hr)		5/10/17 1000		Received By: (signature)		FD			FD		
Sample(s) on wet ice? ☒ Yes ☐ No		Temp (°C): 0.7		FD			FD			FD			
Collection Date & Time (24hr)		Sample Location & Description		Sample Matrix		# of Sample Containers Submitted			Lab ID#				
5/9/2017 8:30		WHISGR50 Whiskey Cr @US41 and Brantley		SWF		X			AD45601				
5/9/2017 8:54		WHISGR18 ECC#1 Canal @ College Pkwy; Upstream		SWF		X X X			AD45602				
5/9/2017 9:18		WHISGR10 Whiskey Cr @ Golfcourse cart bridge, upstr		SWF		X X X			AD45603				
5/9/2017 10:05		BILLGR20 Billy Creek @ Veronica Shoemaker		SWF		X			AD45604				
5/9/2017 10:29		BILLGR60 Billy Creek @ Ortiz, upstream		SWF		X			AD45605				
5/9/2017 11:03		40-18GR Orange Riv/Buck Rd, Up		SWF		X			AD45606				
5/9/2017 11:32		40-32GR Orange Riv N of Harnes Marsh N		SWF		X			AD45607				
5/9/2017 10:36		WSEQB Watershed Equipment Blank		SWF		X			AD45608				

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: 9:18

Lab ID# AD45603

Sample Collectors: Patrick Daughy

Date: 5/9/2017

Bottles	Number	Size	Material	Pre-Preserved	Lab ID#
@CHLORO	1	1L	PE	N/A	AD45603
@NP	2	1L	PE	N/A	AD45603
@NPFIL	1	250mL	PE	N/A	AD45603
@H2SO4	1	250mL	PE	No	AD45603
@HNO3	1	250mL	PE	No*	AD45603
@BACT	4	100mL	PP	Yes**	AD45603

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	24.06	847	30.30	2.55	7.10	0.100	4.95	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

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# H

Calibrated: 5/8/2017 (see Field Equipment Calibration Log)

Opaque Horizontal Van Dorn # (if applicable):

Velocity Meter ID# 2B

Distance Measuring Tool ID# 4994

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

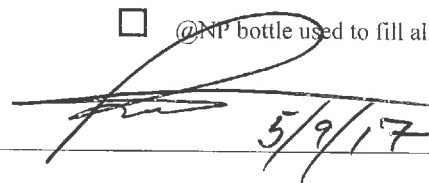
☐ Acidified samples pH verified in field (quarterly)

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:

 5/9/17

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

Date of Request: 14-FEB-2017
 Created By: ANDERSON_C On: 14-FEB-2017
 Modified By: MATTHEWS_D On: 03-APR-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: 24-MAR-2017
 Biology Request Reviewed By: MATTHEWS_D On: 03-APR-2017
 Sampling Kit Required: YES Ship on: 04-APR-2017
 Sampling Kit Shipped: YES On: 05-APR-2017
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: NO
 Date to Receive Samples: 17-APR-2017
 Received By: SHAIK_A On: 05-MAY-2017

Send Final Report To:

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

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

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- 2017-04-17-08

Shipping Method: Feed Ex

Date/Time of Receipt: 5/10/17 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	
Rel	1.9	3		6			

*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 6 No

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No 6 If yes, is it intact? Yes No

**Caps on tight? Yes 6 No **Containers intact? Yes 6 No

**Sufficient Sample Volume: Yes 6 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)		<u>6</u>	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 6 Init: 6

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No NA 6 Init: 6

Coolers Unpacked/Checked by: 6 Date: 5/10/17 NCRs (Y/N)? 6

Event ID: SO-DIST-2017-05-10-01 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:

Ex Package
Express **US Airbill**

FedEx Tracking Number **8113 0562 4025**

MUR 4

Form 10 No. **0215**

Use print and press hard.

Sender's FedEx Account Number

Phone **(239) 533-8600**

Lee County Env Lab

60 Danley Dr #2

Fort Myers State **FL** ZIP **33907**

Final Billing Reference
This will appear on invoice.

SAMPLE RECEIVING

Phone **(350) 245-8085**

FLORIDA DEPT/chemistry SECTION

2600 BLAIRSTONE RD

Ver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Hold Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.

Hold Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.

or the HOLD location address or for continuation of your shipping address.

LLAHASSEE State **FL** ZIP **32399**

0126430468

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4 Express Package Service

* To most locations.

Packages up to 150 lbs.
For packages over 150 lbs., use the
FedEx Express Freight US Airbill.

Next Business Day

- ☐ **FedEx First Overnight**
Earliest next business morning delivery to select
locations. Friday shipments will be delivered on
Monday unless Saturday Delivery is selected.
- ☒ **FedEx Priority Overnight**
Next business morning.* Friday shipments will be
delivered on Monday unless Saturday Delivery
is selected.
- ☐ **FedEx Standard Overnight**
Next business afternoon.*
Saturday Delivery NOT available.

2 or 3 Business Days

- ☐ **FedEx 2Day A.M.**
Second business morning.*
Saturday Delivery NOT available.
- ☐ **FedEx 2Day**
Second business afternoon.* Thursday shipments
will be delivered on Monday unless Saturday
Delivery is selected.
- ☐ **FedEx Express Saver**
Third business day.*
Saturday Delivery NOT available.

5 Packaging * Declared value limit \$500.

- ☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

- ☐ **Saturday Delivery**
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

- ☐ **No Signature Required**
Package may be left without
obtaining a signature for delivery.
- ☐ **Direct Signature**
Someone at recipient's address
may sign for delivery.
- ☐ **Indirect Signature**
If no one is available at recipient's
address, someone at a neighboring
address may sign for delivery. For
residential deliveries only.

Does this shipment contain dangerous goods?

One box must be checked.

- ☐ No ☐ Yes
As per attached
Shipper's Declaration.
- ☐ Yes
Shipper's Declaration
not required.
- ☐ Dry Ice
Dry Ice, 5, UN 1845 x kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

☐ Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

- Sender
Acct. No. in Section
Level fee billed.
- ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check
- FedEx Acct. No.
Credit Card No. **4470-2268-7** Exp. Date

Total Packages Total Weight Total Declared Value†

lbs. \$.00

†Our liability is limited to US\$100 unless you declare a higher value. See back for details. By using this airbill you agree to the service conditions on the back of this airbill and in the current FedEx Service Guide, including terms that limit our liability.

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PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE. NO POUCH NEEDED.