

RQ- 201807-09-52

Log-in Checklist

Login Station ID: #2Shipping Method: (Circled) FedEx | UPS | HD | Greyhound | _____Date/Time of Receipt: 8-1-18/10:08

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	0.6	2		✓			

*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 ☐

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ☐ No ☐ Date

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: SR

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-E8321-DI, -MS, -21		☒	W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ☐ No ☐ NA ☒ Init: SR

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

Coolers Unpacked/Checked by: SR Date: 8-1-18

NCRs (Y/N)? N

Event ID: SO-DIST-2018-08-01-02

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

Additional Comments:

Infrared Thermometer ID:	REC_02_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10-30-18
pH Paper 0 – 13 Lot #	222516 EXP:08-15-19
Chlorine Test Strips Lot #	7226 EXP:07/2020

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: _____

Project Title: Alva
Location Code: 27O-GR20
Location Coordinates: N26.740289, W-81.755697
Location Description: Owl Creek @ SR78; upstream side

Sample Collection Time: 11:35

Lab ID# AD82025

Sample Collectors: Nic DeFilippo & Patrick Daughy

Date: 7/31/2018

*Nitric Acid added upon return to Lab

**Pre-Preserved with Sodium Thiosulfate by Thermo Scientific

Bottles	Number	Size	Material	Pre-Preserved	Lab ID#
@CHLORO	1	1L	PE	N/A	AD82025
@NP	1	1L	PE	N/A	AD82025
@NPFIL	1	250mL	PE	N/A	AD82025
@H2SO4	1	250mL	PE	No	AD82025
@HNO3	1	250mL	PE	No*	AD82025
@BACT	2	100mL	PP	Yes**	AD82025

11	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	26.64	364	64.00	5.13	7.31	0.100	7.95	0.50	0.60	FB = Field Blank	PE = Polyethylene
Qualifiers						U				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/Sonde #

K

Calibrated: 7/30/2018 (see Field Equipment Calibration Log)

Opaque Horizontal Van Dorn # _____ (if applicable)

Velocity Meter ID# 2C

Distance Measuring Tool ID# 5349

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

Filter Lot # R7BA53224 Exp Date: 9/19/2023

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

Signature of Sample Collector(s) and Date:

7/31/2018

- ☒ DFTOSTWS taken from middle of structure
- ☒ 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)

Preservatives:	Lot #	Exp. Date
H ₂ SO ₄	3114100	11/13/2017
HNO ₃ *	1116110	12/16/2018
Na ₂ S ₂ O ₃	171116	12/31/2050

Misc: _____

Quarterly Months: January, April, July, October

☐ @NP bottle used to fill all other bottles.

Handwritten signature and date:
8-1-18
10:05

Lab Certification: E45049
LCEL_FF_COC Field 20160822R0

Analysis Request

LCEL does not accept any samples used for evidentiary purposes

[illegible]

* = DEP bottles

Printed: 8/1/2018 10:36:36 AM

Page 1 of 1

Date of Request: 25-JUN-2018
Created By: DUGAN_M On: 25-JUN-2018
Modified By: SWANSON_C On: 26-JUN-2018
Customer: SO-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: South District
Sampling Event: 3240N : Owl Creek

Send Coolers To:

Phone: 239-533-8600 ext 48605
Lee County Environmental Lab
60 S. Danley Drive Unit 2
Fort Myers, FL 33907
Attn: Bret O'Brien

Send Final Report To:

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

Program Module Number:
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 26-JUN-2018
Biology Request Reviewed By: SWANSON_C On: 26-JUN-2018
Sampling Kit Required: YES Ship on: 29-JUN-2018
Sampling Kit Shipped: YES On: 28-JUN-2018
Sampling Kit Packed By: RODRIGUE_G
Preservatives Needed: NO
Date to Receive Samples: 09-JUL-2018
Received By:

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

Comments: Group A: Tracers, Markers
(Lee County samples bacteria)

Bottle Group A (Water) With 1 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 1	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template:	(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.

Ref: Date: 28Jun18 SHIPPING: 0.00
Dep: Wgt: 10.00 LBS SPECIAL: 0.00
DV: HANDLING: 0.00
0.00 TOTAL: 0.00

Svcs: PRIORITY OVERNIGHT
TRK: 4385 5030 9579

ORIGIN ID: TLHA (239) 533-8600
BRET O'BRIEN
LEE COUNTY ENV. LAB
60 DANLEY DRIVE STE 2

SHIP DATE: 28JUN18
ACTWGT: 10.00 LB MAN
CAD: 0446970/CAFE3210

FORT MYERS, FL 33907
UNITED STATES US

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

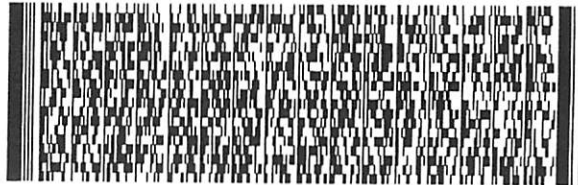
(850) 245-8077

REF:

INV:

DEPT:

RMA: ||| |||||



FedEx
Express



J161118042001uv

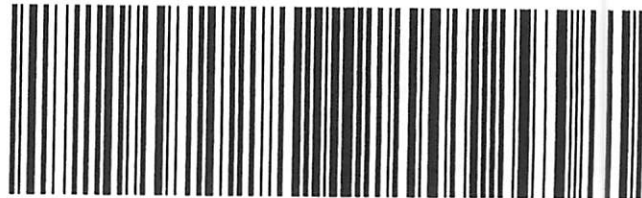
TRK# 4385 5030 9579
0221

RETURNS MON-FRI
PRIORITY OVERNIGHT

32399

FL-US

Part # 156148-434 RIT EXP 03/19 **



551C2/93DF/104C

Cooler Packing Worksheet for Request: RQ-2018-07-09-52

3240N : Owl Creek

Ship Cooler On: 6/29/2018

Customer/Project: SO-DIST/SMP

Assigned To: RODRIGUE_G

Requester: Maryann Dugan

Priority: 3

239-533-8600 ext 48605
Lee County Environmental Lab
60 S. Danley Drive Unit 2
Fort Myers, FL 33907
Attn: Bret O'Brien

Please return
packing list with
sample submittal
forms.

Comments:

No preservatives needed.

Group A: Tracers, Markers

(Lee County samples bacteria)

Requested Analyses:

Bottle Group: A

of Sites: 1

Container ID: QPCR-P-500ML

Qty: 1

Preservation: ICE

Lot # 00070172

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 1

Preservation: ICE

Lot # 00071185

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Cooler Packed By: GR Number of Coolers: 1 Date: 6/28/18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☒ Acid Labels (sets of 24)

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-07-09-52