Request Number: RQ-2016-03-07-66

SMP: Manuel, Oak, Chapel, Winker

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: SO-DIST

Project ID: SMP

Requester: Benjamin Paswater

Collected By: DB + CL

Field Report Prepared By: Danny Berg

Sampling Agency: FDEP South

Location: RQ-2016-03-07-66 | 3/9/2016 | 3240I | Manuel Branch upstream of weir | G3SD03092016-1 (Field ID) | STORET 28020249FTM

- ☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3-9-16 Time 0840 ☐ Eastern ☒ Central | Composite end Date — Time — | Bottle Group(s) (See pg 2): A
- Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 3.4 mg/L 39% ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —
- Temp (C) 21.9 | pH 6.5 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 720
- ☐ dd ☐ dms | Salinity (ppt) — | Comments: Total Depth: 0.7m Secchi: 0.7m S

Location: RQ-2016-03-07-66 | 3/9/2016 | 3240B1 | Chapel Creek south of SR78 | G3SD03092016-2 (Field ID) | STORET CALUSA0039FTM

- ☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3-9-16 Time 0945 ☐ Eastern ☒ Central | Composite end Date — Time — | Bottle Group(s): A
- Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 5.3 mg/L 59% ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —
- Temp (C) 20.7 | pH 6.6 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 520
- ☐ dd ☐ dms | Salinity (ppt) — | Comments: Total Depth: 0.5m Secchi: 0.5m S

Location: RQ-2016-03-07-66 | 3/9/2016 | 3240U | Winkler Canal @ Princeton St. | G3SD03092016-3 (Field ID) | STORET G3SD0055

- ☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3-9-16 Time 0910 ☐ Eastern ☒ Central | Composite end Date — Time — | Bottle Group(s): A
- Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 0.9 mg/L 10% ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —
- Temp (C) 22.0 | pH 6.7 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 837
- ☐ dd ☐ dms | Salinity (ppt) — | Comments: Total Depth: 0.8m Secchi: 0.8m S

Location: RQ-2016-03-07-66 | 3/9/2016 | 3258F | Oak Creek @ Kentucy St. | G1SD03092016-2 (Field ID) | STORET EVRGWC0098FTM

- ☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3-9-16 Time 1055 ☐ Eastern ☒ Central | Composite end Date — Time — | Bottle Group(s): A
- Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 3.9 mg/L 44% ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —
- Temp (C) 21.5 | pH 6.8 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 777
- ☐ dd ☐ dms | Salinity (ppt) 0 | Comments: Total Depth: 0.6m Secchi: 0.6m S

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
Danny Berg	3-9-16/1230	Fedex					SK	3-10-16/10:55

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 5
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 5
	BOD-UNIN					
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 5
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab** 5
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	ICE-FLTR	**Enter Number of Bottles Sent to Lab** 5
	W-PO4-F					

Request Number: RQ-2016-03-07-66

SMP: Manuel, Oak, Chapel, Winker

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: SO-DIST

Project ID: SMP

Requester: Benjamin Paswater

Collected By: DB & CL

Field Report Prepared By: Danny Berger

Sampling Agency: FDEP South

Location: RQ-2016-03-07-66 3/9/2016 3258F Oak Creek @ Oak Creek Preserve; G1SD03092016-1 Field ID; STORET G3SD0056	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 3-9-16 Time 1035	Eastern (circled) Central	Composite end Date — Time —	Bottle Group(s) (See pg 2) A
	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.7mg/L 65% ☑ mg/L ☑ % sat	Total Res. Chlorine (mg/L) —	
	Temp (C) 21.6	pH 6.8	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 739	
☐ dms Longitude ☐ dd ☐ dms	Salinity (ppt) —	Comments Total Depth: 0.3m Secchi: 0.35m			

Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			

Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			

Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
Danny Berger	3-9-16 / 1230	FedEx					SK	3-10-16 / 10:55

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 5

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 5

BOD-UNIN

Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 5

CHLSUITE-W

Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab** 5

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	ICE-FLTR	**Enter Number of Bottles Sent to Lab** 5

W-PO4-F

RQ-2016-03-07-66

Date of Request: 25-FEB-2016
Created By: PASWATER_B On: 25-FEB-2016
Modified By: SWANSON_C On: 25-FEB-2016
Customer: SO-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: South District
Sampling Event: SMP: Manuel, Oak, Chapel, Winker

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901
Attn: Ben Paswater

Send Final Report To:

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

Program Module Number:
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 25-FEB-2016
Biology Request Reviewed By: SWANSON_C On: 25-FEB-2016
Sampling Kit Required: YES Ship on: 26-FEB-2016
Sampling Kit Shipped: YES On: 26-FEB-2016
Sampling Kit Packed By: BOWDEN_M
Preservatives Needed: YES
Date to Receive Samples: 07-MAR-2016
Received By:

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

Comments: SMP: Manuel, Oak, Chapel, Winkler

1 - case of Sulfuric Acid

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-1L Number of Bottles: 6 Preserved With: ICE

ALKALINITY Total Alkalinity	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY Turbidity	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC Chloride	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR Color (true)	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
W-F Fluoride	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC Sulfate	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices

Bottle Type: P-1L Number of Bottles: 6 Preserved With: ICE

BOD-UNIN Biochemical Oxygen Demand-5 Day	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited

Bottle Type: BP-1L Number of Bottles: 6 Preserved With: ICE

CHLSUITE-W Chlorophyll/Phaeophytin Ratio Chlorophyll-a, Corrected Chlorophyll-a, Uncorrected Phaeophytin-a	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-500ML Number of Bottles: 6 Preserved With: ICE And H2SO4

W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0)	Ammonia in aqueous matrices as mg N/L
Ammonia-N			
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0)	Nitrite/Nitrate in aqueous matrices as mg N/L
NO2NO3-N			
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0)	Total Phosphorus in aqueous matrices as mg P/L
Total-P			
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0)	Total Kjeldahl Nitrogen in aqueous matrices
Kjeldahl Nitrogen			
W-TOC	Template: DEFAULT	(SM 5310 B-00)	Nonpurgeable Organic Carbon in aqueous matrices
Organic Carbon			

Bottle Type: P-125ML Number of Bottles: 6 Preserved With: ICE-FLTR

W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0)	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
O-Phosphate-P			

Log-in Checklist

RQ-2016-03-07-66

Shipping Method: Fedex

Date/Time of Receipt: 3-10-16/10:55

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	-0.9	10					
Red	-0.7	15					

*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					

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No____ NA____ Init: SK

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA ✓ Init: SK

Coolers Unpacked/Checked by: SK Date: 3-10-16 NCRs (Y/N)? N

Event ID: SO-DIST-2016-03-10-01 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_____

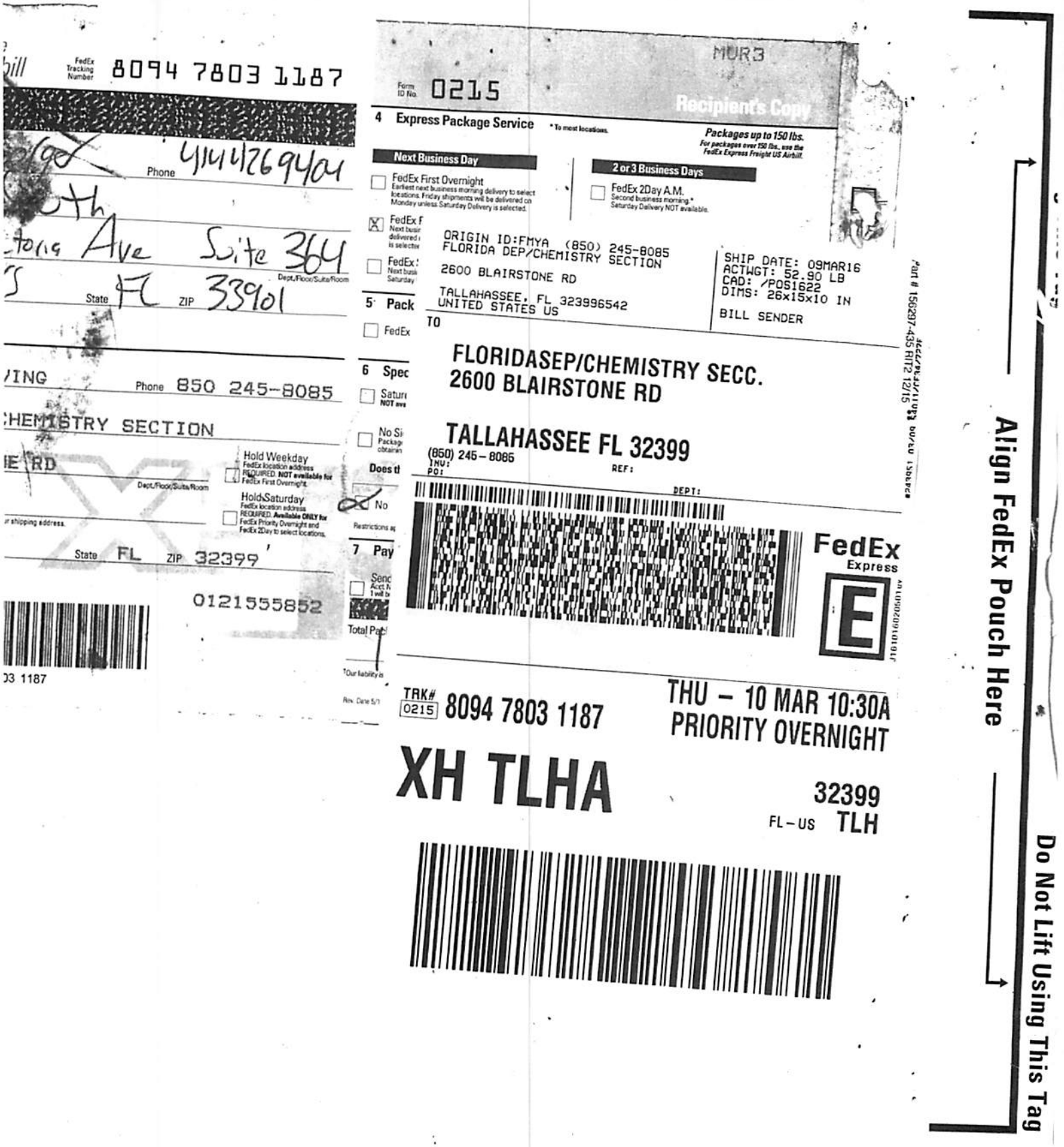
If no, were samples shipped on dry ice? Yes_____ No_____

FOR CLEAN LAB USE ONLY – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes_____ No_____

Date and time samples preserved: _____

Additional Comments:



bill FedEx Tracking Number 8094 7803 1187

Phone 4144269404

outh

toria Ave Suite 364

Dept./Floor/Suite/Room

State FL ZIP 33901

VING Phone 850 245-8085

CHEMISTRY SECTION

IE RD

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.

r shipping address.

State FL ZIP 32399

0121555852

03 1187

MUR3

Form ID No. 0215

Recipient's Copy

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 F
Next busi
delivered
is selecte

FedEx
Next busi
Saturday

2 or 3 Business Days

FedEx 2Day A.M.
Second business morning. * Saturday Delivery NOT available.

5 Pack

FedEx

6 Spec

Saturd
NOT ava

No Si
Package
obtainin

Does t

No

Restrictions ap

7 Pay

Send
Acct. N
I will b

Total Pac

Our liability is

Rev. Date 5/1

ORIGIN ID:FMYA (850) 245-8085
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE, FL 323996542
UNITED STATES US

SHIP DATE: 09MAR16
ACTWGT: 52.90 LB
CAD: /POS1622
DIMS: 26x15x10 IN

BILL SENDER

TO

FLORIDASEP/CHEMISTRY SECC.
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8085
DEPT:

FedEx Express

TRK# 0215 8094 7803 1187

THU - 10 MAR 10:30A
PRIORITY OVERNIGHT

XH TLHA

32399
FL-US TLH

Part # 150237-435 RIT2 12/15

Align FedEx Pouch Here

Do Not Lift Using This Tag

Align Open End of FedEx Pouch Here

FedEx Express Package US Airbill

FedEx Tracking Number 8094 7803 1176

1 From

Date 3-9-16

Sender's Name Danny Berger Phone 414 426 9404

Company FDEP South

Address 2295 Victoria Ave Suite 364

Dept/Floor/Suite/Room

City Fort Myers State FL ZIP 33901

2 Your Internal Billing Reference

3 To

Recipient's Name SAMPLE RECEIVING Phone 850 245-8085

Company FLORIDA DEP/CHEMISTRY SECTION

Address 2600 BLAIRSTONE RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept/Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

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.

City TALLAHASSEE State FL ZIP 32399

0121555852

8094 7803 1176

ORIGIN ID:FMYA (850) 245-8085
FLORIDA DEP/CHEMISTRY SECTION

2600 BLAIRSTONE RD

TALLAHASSEE, FL 323996542
UNITED STATES US

SHIP DATE: 09MAR16
ACTWGT: 48.90 LB
CAD: /POS1622
DIMS: 26x15x10 IN

BILL SENDER

TO

FLORIDASEP/CHEMISTRY SECC.
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8085 REF:

INV: PO: DEPT:

FedEx Express

THU - 10 MAR 10:30A
PRIORITY OVERNIGHT

TRK# 0215 8094 7803 1176

XH TLHA

32399
FL-US TLH

Part # 156297-435 RITE 12/15