

Sarasota Streams

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/11/17 Time 1430	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
RQ-2017-05-15-08 7/11/2017 WBID 1984AB North Creek by Oaks Creek Ct.	G2SD071117-4 Field ID STORET G3SD0064	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 4.9 64%	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
	Temp (C) 29.2	pH 7.5	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 1327
	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/11/17 Time 1150	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2017-05-15-08 7/11/2017 WBID 1936A Walker Creek at 32nd Street	G2SD071117-1 Field ID STORET SARABY0045FTM	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 5.2 65%	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
	Temp (C) 26.4	pH 7.5	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 561
	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/11/17 Time 1020	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2017-05-15-08 7/11/2017 WBID 1949 HOWARD CREEK N.E. BRANCH LOT 185	G2SD071117-3 Field ID STORET 25030416*	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.1 75%	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
	Temp (C) 26.0	pH 6.8	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 213
	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/11/17 Time 1320	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2017-05-15-08 7/11/2017 WBID 1943 Indian Creek @ Fruitville Rd.	G2SD071117-2 Field ID STORET G3SD0057	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 4.3 55%	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
	Temp (C) 27.3	pH 6.2	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 154
	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Ben Paswater	7/11/17 5pm	Fed Ex	5	SR	7-12-17/10:10

Group: A	Bottle Type:	P-1L	# of Bottles: 5	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:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	5
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	5
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	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: 5	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	5
	W-PO4-F						
Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-AHERB-AA W-GLYPH W-SUC-AA-R W-UHERB-AA						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab	10
	W-CT-CI-R W-PCL-SQ-R						
Group: B	Bottle Type:	BG-1L	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab	10
	W-PSNP-TQ						
Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4

Sarasota Streams

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: BP

Project ID: SMP

Collected By: BP MD

Sampling Agency: _____

Location		☒ Comp ☒ Grab	Collection (comp begin or grab) Date <u>7/11/17</u> Time <u>1130</u>		☒ Eastern ☒ Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2) <u>A</u>	
RQ-2017-05-15-08 7/11/2017  G2SD071117-5 Field ID <u>▲</u> STORET <u>BLANK</u>  Field Blank		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)			
		☐ dd ☐ dms	Salinity (ppt)	Comments <u>Field Blank</u>					

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	Number of Coolers Shipped:	Received By: <u>SK</u>	Date/Time <u>7-12-17/10:10</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP					
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-AHERB-AA					
	W-GLYPH					
	W-SUC-AA-R					
	W-UHERB-AA					
Group: B	Bottle Type:	BG-500ML	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-CT-CI-R					
	W-PCL-SQ-R					
Group: B	Bottle Type:	BG-1L	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-PSNP-TQ					
Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____

Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
W-PYR-AA-R							
Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 to Sanders
SD-SND-ECQ							

Date of Request: 28-FEB-2017
 Created By: PASWATER_B On: 28-FEB-2017
 Modified By: MATTHEWS_D On: 21-APR-2017
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: Sarasota Streams

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Ben Paswater

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 20-APR-2017
 Biology Request Reviewed By: MATTHEWS_D On: 21-APR-2017
 Sampling Kit Required: YES Ship on: 01-MAY-2017
 Sampling Kit Shipped: YES On: 01-MAY-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: YES
 Date to Receive Samples: 15-MAY-2017
 Received By:

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: Group A: Freshwater Kit With Metals
 Group B: Pesticides
 1 - Case Sulfuric acid
 1 - Case Nitric acid

Bottle Group A (Water) With 5 Samples:

Bottle Type: P-1L	Number of Bottles: 5	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: BP-1L	Number of Bottles: 5	Preserved With: ICE
CHLSUITE-W	Template:	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 5	Preserved With: HNO ₃
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Chromium		
Iron		
Magnesium		
Nickel		
Potassium		
Sodium		
Zinc		

Bottle Group A (Water) With 5 Samples:

Bottle Type: P-500ML	Number of Bottles: 5	Preserved With: HNO3
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Arsenic
Cadmium
Copper
Lead
Silver

Bottle Type: P-500ML	Number of Bottles: 5	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML	Number of Bottles: 5	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

Bottle Group B (Water) With 4 Samples:

Bottle Type: BG-1L	Number of Bottles: 4	Preserved With: ICE
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-GLYPH	Template: DEFAULT	(EPA 8321B) Glyphosate 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

Bottle Type: BG-500ML	Number of Bottles: 10	Preserved With: ICE
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization

W-PCL-SQ-R	Template: DEFAULT	(EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM
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Bottle Type: BG-1L	Number of Bottles: 10	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270D) Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

Bottle Type: BG-1L	Number of Bottles: 4	Preserved With: ICE
W-PYR-AA-R	Template: DEFAULT	(EPA 8321B) Pyraclostrobin in water matrices by HPLC/MS/MS

Bottle Group C (Water) With 2 Samples:

Bottle Type:	Number of Bottles: 2	Preserved With: ICE
SD-SND-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Sanders Laboratories for South District

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

Log-in Checklist

RQ- 2017-05-15-08

Shipping Method: Fedex

Date/Time of Receipt: 7-12-17/10:10

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	2.1	9		✓			
Red	1.0	13		✓			
Red	1.5	11		✓			
Red	1.4	11		✓			
Red	1.8	9		✓			

*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: 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: 7-12-17

NCRs (Y/N)? N

Event ID: S0-DIST-2017-07-12-02

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

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:



Package
US Airbill

FedEx
Tracking
Number

8115 9551 4735

1 From

Date

Sender's
Name

Company

Address

City

State

ZIP

2 Your Internal Billing Reference

3 To

Recipient's
Name

Phone

FLORIDA DEP/CHEMISTRY SECTION

BLAIRSTONE RD

boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Location address or for continuation of your shipping address.

TALLAHASSEE

State

FL

ZIP

32399

0126912290



8115 9551 4735

UNITED STATES US

BILL RECIPIENT

TO

FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8085

REF:

DEPT:

Form
ID No.

4 Express Pa

Next Business

☐ FedEx First Ov
Earliest next business
locations. Friday shi
Monday unless Sat

☒ FedEx Priority
Next business morn
delivered on Mond
is selected.

☐ FedEx Standa
Next business after
Saturday Delivery N

5 Packaging

☐ FedEx Envelop

6 Special Ha

☐ Saturday Deliv
NOT available for F

☐ No Signature
Package may be left
obtaining a signature

Does this shipm

☒ No ☐ Yes
One ☐ Yes
As ☐ Shi

Restrictions apply for dange

7 Payment

☐ Sender
Acct. No. in Section
1 will be billed.

Total Packages

Total Weight

Credit Card Auth.

*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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1 of 5
TRK# 8115 9551 4735
0215

MASTER

XH TLHA

WED - 12 JUL 10:30A
PRIORITY OVERNIGHT

32399
FL-US TLH



611

Do Not Lift Using This Tag

ORIGIN ID: FMYA

SHIP DATE: 11JUL17
ACTWGT: 58.00 LB MAN
CAD: /POS1802
DIMS: 23x16x16 IN

UNITED STATES US

BILL RECIPIENT

TO

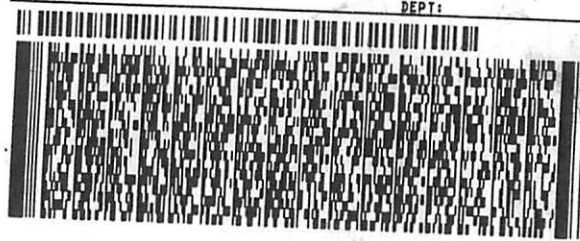
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 246-8085

REF:

DEPT:



FedEx
Express



2 of 5

MPS# 7871 5691 4501
0681

Mstr# 8115 9551 4735

0215

WED - 12 JUL 10:30A
PRIORITY OVERNIGHT

XH TLHA

32399

FL-US TLH



Part # 156297-1354702/1796 11/20 400883



Do Not Lift Using This Tag

ORIGIN ID: FMYA

SHIP DATE: 11 JUL 17
ACTWGT: 56.00 LB MAN
CAD: /POS1802
DIMS: 23x16x16 IN

UNITED STATES US

BILL RECIPIENT

TO

**FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD**

TALLAHASSEE FL 32399

(850) 245-8085
INU:
PO:

REF:

DEPT:



**FedEx
Express**



4 of 5

MPS# 7871 5691 4523
0681

Mstr# 8115 9551 4735

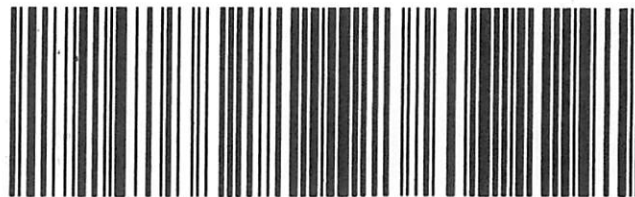
0215

**WED - 12 JUL 10:30A
PRIORITY OVERNIGHT**

XH TLHA

32399

FL-US TLH



ORIGIN ID:FMYA

SHIP DATE: 11JUL17
ACTWGT: 64.00 LB MAN
CAD: /POS1802
DIMS: 23x16x16 IN

BILL RECIPIENT

UNITED STATES US

TO

FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8085

REF:

DEPT:

FedEx
Express



5 of 5

MPS#
0681

7871 5691 4534

Mstr# 8115 9551 4735

0215

WED - 12 JUL 10:30A
PRIORITY OVERNIGHT

XH TLHA

32399

FL-US TLH

