

RQ- 2019-0708-41

Log-in Checklist

Login Station ID: # 3Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 09-26-2019 / 10:30

Cooler Temperature*	Samples Frozen YES	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
		HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
3.9C				24		X			
2.1C				14		X			
1.6C				21		X			

* HNO₃ and Formalin preserved samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation. **An NCR still is required.**

**Chain of Custody/ Field Sheet(s) Included? Yes X No

Micro-Biology Overflow Chain of Custody/ FieldSheet(s) Included? Yes No X

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No X If yes, is it intact? Yes No
 **Caps on tight? Yes X No **Containers intact? Yes X No
 **Sufficient Sample Volume: Yes X No

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes No ✓ Init: ABS

Chlorine detected? (One container checked per Field ID)

Yes No Init: ABS

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

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

**Acid Preserved Samples: pH ≤ 2.0? Yes X No NA Init: ABS

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

Coolers Unpacked/Checked by: ABS

Date: 09-26/2019

NCRs (Y/N)?

Event ID: Nowhere
SO-DIST-2019-09-26-01 (SMP)

NCR #

Log-in Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	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 03 2018 EXP:04/29/2020
pH Test Strips 0 – 6 Lot #	213316AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	220416A EXP:07/30/2020
pH Paper 0 – 13 Lot #	215517 exp:jun 1 2020
Chlorine Test Strips Lot #	8212 2021 / 05

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No **X**

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Nowhere

Customer: SO-DIST

Project ID: SMP

Requester: Maryann Dugan

Field Report Prepared By:

NRE Nicole Reistad

Collected By:

Nicole Reistad, Miranda Carroll

Sampling Agency:

FDEP-SOROC

Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 09/25/19 Time 1115	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID	Location	G5SD0038	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET		8067 @ ENRE5	Temp (C) 27.63	pH 8.08	Sample Depth 0.3	Sp. Conductance (umho/cm) 48440		A
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 31.53	Comments			
Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 09/25/19 Time 1145	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	Location	G5SD0037	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STOR		8068 @ ENRE5 - Middle	Temp (C) 27.62	pH 8.20	Sample Depth 0.3	Sp. Conductance (umho/cm) 47628		A
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 30.93	Comments			
Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 09/25/19 Time 1155	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	Location	G5SD0100	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STOR		WBID8068 @ ENRE 5 S. Site	Temp (C) 27.56	pH 8.19	Sample Depth 0.3	Sp. Conductance (umho/cm) 45448		A
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 29.36	Comments			
Location	WBID8068 @ ENRE 5 S. Site		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 09/25/19 Time 1200	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	G5SD0100 - DUP		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	G5SD0100		Temp (C)	pH	Sample Depth 0.3	Sp. Conductance (umho/cm)		B
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Nicole Reistad	09/25/19	FedEx	3	APR	9-26-19/10-31

Group: A	Bottle Type: P-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
ALKALINITY TURBIDITY W-BR-IC W-F W-TSS				
Group: A	Bottle Type: BP-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W				
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
ENT-24-QT				
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
FCOLI-MF				
Group: A	Bottle Type: P-500ML	# of Bottles: 8	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: 8	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab _____
W-PO4-F				
Group: B	Bottle Type: P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
ENT-24-QT				
Group: B	Bottle Type: P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
FCOLI-MF				

Nowhere

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Requester: Maryann Dugan

Field Report Prepared By:

Project ID: SMP

Collected By:

Nicole Reistad, Miranda Carroll

Sampling Agency:

7DEP-SOROC

Location	Field ID/WIN ID	Barcode	Location	G5SD0101	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine (mg/L)	Bottle Group(s)
Field ID	Location	Barcode	Field ID	Location	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	A
WIN/STOP	Location	Barcode	WIN/STOP	Location	Salinity (ppt)	Comments	ft	umho/cm	
Latitude	dd	Longitude	dd	Salinity (ppt)	Comments	dms	dms		
Location	Field ID/WIN ID	Barcode	Location	G5SD0075	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine (mg/L)	Bottle Group(s)
Field ID	Location	Barcode	Field ID	Location	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	A
WIN/STOP	Location	Barcode	WIN/STOP	Location	Salinity (ppt)	Comments	ft	umho/cm	
Latitude	dd	Longitude	dd	Salinity (ppt)	Comments	dms	dms		
Location	Field ID/WIN ID	Barcode	Location	G5SD0036	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine (mg/L)	Bottle Group(s)
Field ID	Location	Barcode	Field ID	Location	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	A
WIN/STOP	Location	Barcode	WIN/STOP	Location	Salinity (ppt)	Comments	ft	umho/cm	
Latitude	dd	Longitude	dd	Salinity (ppt)	Comments	dms	dms		
Location	Field ID/WIN ID	Barcode	Location	G5SD0076	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine (mg/L)	Bottle Group(s)
Field ID	Location	Barcode	Field ID	Location	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	A
WIN/STOP	Location	Barcode	WIN/STOP	Location	Salinity (ppt)	Comments	ft	umho/cm	
Latitude	dd	Longitude	dd	Salinity (ppt)	Comments	dms	dms		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Nicole Reistad	09/25/19	FedEx	3	[Signature]	9-26-19 11:30

Group: A	Bottle Type: P-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab
ALKALINITY TURBIDITY W-BR-IC W-F W-TSS				
Group: A	Bottle Type: BP-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W				
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab
ENT-24-QT				
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab
FCOLI-MF				
Group: A	Bottle Type: P-500ML	# of Bottles: 8	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: 8	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
W-PO4-F				
Group: B	Bottle Type: P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
ENT-24-QT				
Group: B	Bottle Type: P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
FCOLI-MF				

Nowhere

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Requester: Maryann Dugan

Field Report Prepared By:

Project ID: SMP

Collected By:

Nicole Reistad, Miranda Carroll

Sampling Agency:

Nicole Reistad
FDEP-SOROC

Location 8073 #2 South of Ft. Zach ENRG3	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 09/25/19 Time 1410	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID G5SD0107	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 4.98	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
WIN/STORET # G5SD0107	Temp (C) 28.15	pH 7.98	Sample Depth 0.3	Sp. Conductance (umho/cm) 46113		
Latitude 25.548829	☒ dd ☐ dms	Longitude -81.211516	☒ dd ☐ dms	Salinity (ppt) 29.82	Comments	
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	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)		
WIN/STORET #	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	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)		
WIN/STORET #	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	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)		
WIN/STORET #	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date	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)		
WIN/STORET #	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	

Relinquished By: Nicole Reistad	Date/Time 09/25/19	Shipping Method FedEx	Number of Coolers Shipped: 3	Received By: AR	Date/Time 9-26-19 11:30
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Group: A	Bottle Type:	P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>8</u>
	ALKALINITY						
	TURBIDITY						
	W-BR-IC						
	W-F						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>8</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>8</u>
	ENT-24-QT						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>8</u>
	FCOLI-MF						
Group: A	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>8</u>
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 8	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>8</u>
	W-PO4-F						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	ENT-24-QT						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	FCOLI-MF						

Date of Request: 17-JUN-2019
 Created By: DUGAN_M On: 17-JUN-2019
 Modified By: JASROTIA_P On: 18-JUN-2019
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: Nowhere

Send Coolers To:

Phone: 239-344-5610
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Maryann Dugan

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: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 18-JUN-2019
 Biology Request Reviewed By: JASROTIA_P On: 18-JUN-2019
 Sampling Kit Required: YES Ship on: 28-JUN-2019
 Sampling Kit Shipped: YES On: 01-JUL-2019
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 08-JUL-2019
 Received By: SHAIK_A On: 26-SEP-2019

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

Comments: Group A: Marine Freshwater, Entero, Fecal x 8
 Group B: Entero, Fecal Duplicate
 Bacteria to Tallahassee

Bottle Group A (Water) With 8 Samples:

Bottle Type: P-1L	Number of Bottles: 8	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-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 8	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WO-THI	Number of Bottles: 8	Preserved With: ICE
ENT-24-QT	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-250ML-WO-THI	Number of Bottles: 8	Preserved With: ICE
FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems
Bottle Type: P-500ML	Number of Bottles: 8	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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: 8	Preserved With: FILTER-ICE
W-PO ₄ -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 1 Samples:

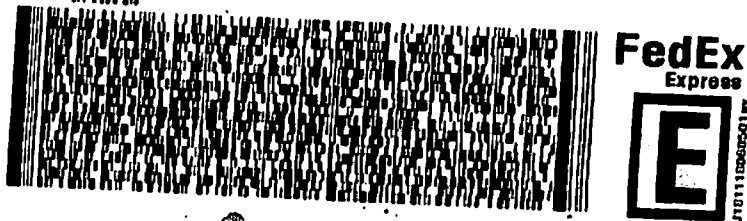
Bottle Type: P-250ML-WO-THI	Number of Bottles: 1	Preserved With: ICE
ENT-24-QT	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-250ML-WO-THI	Number of Bottles: 1	Preserved With: ICE

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-250ML-WO-THI Number of Bottles: 1 Preserved With: ICE
FCOLI-MF Template: DEFAULT (SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems

RMA: 011 0001 011

DEPT:



FedEx
TRK# 4751 8781 2753
0221

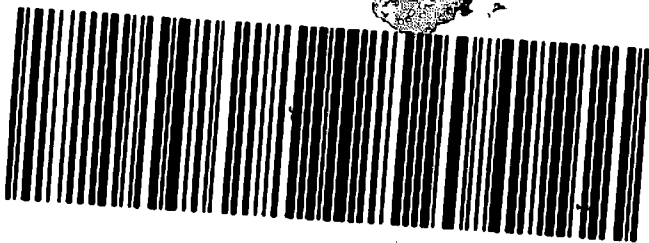
THU - 26 SEP 10:30A
PRIORITY OVERNIGHT

XH TLHA

32399

FL-US TLH

EXP 05/20



03727835 09/25 567J1/0D04/05A2

RMA: 011 0001 011

DEPT:



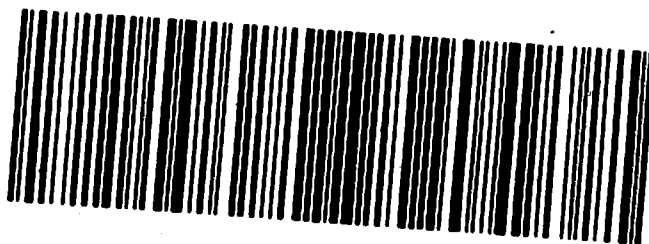
FedEx
TRK# 4751 8781 2775
0221

THU - 26 SEP 10:30A
PRIORITY OVERNIGHT

XH TLHA

32399

FL-US TLH



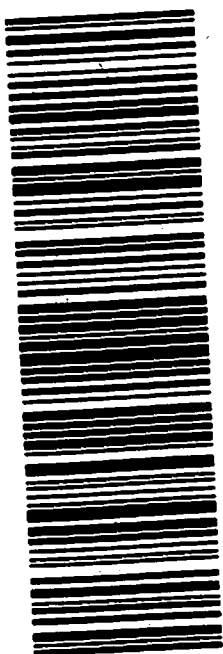
03727835 09/25 567J1/0D04/05A2

XH TLHA

FedEx
TRK# 4751 8781 2764
0221

THU - 26 SEP 10:30A
PRIORITY OVERNIGHT

32399
FL-US TLH



03727835 09/25 567J1/0D04/05A2

RMA: 011 0001 011

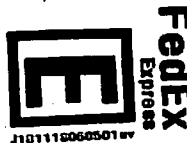
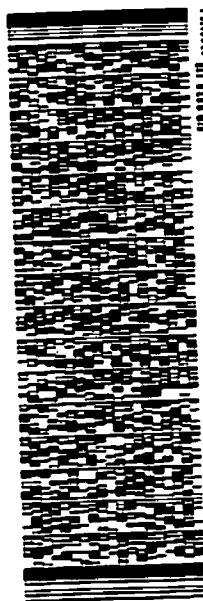
(850) 246-8077
NMI
DEPT:

TALLAHASSEE FL 32399

JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

ORIGIN ID: TLHA (239) 344-5610
MARYANN DUGAN
DEP SOUTH DISTRICT OFFICE
2285 VICTORIA AVE SUITE 364
FORT MYERS, FL 33901
UNITED STATES US

SHIP DATE: 01 JUL 19
ACTWT: 10.00 LB RMN
CNO: 0446970/CAFE3211



551C2/06T9/104C