

RQ- 2018-07-16-05

Log-in Checklist

Login Station ID: #4Shipping Method: FedEx | UPS | HD | Greyhound | _____Date/Time of Receipt: 7/19/18 10:34

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		*Intact?		Tracking # (fill out only if waybill copy is damaged)
			Present?		Yes	No	
RED	0.7°C	11					
RED	0.7°C	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

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 Q.A.

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: Q.A.

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

Coolers Unpacked/Checked by: Q.A. Date: 7/19/18 NCRs (Y/N)?

Event ID: SW-DIST-2018-07-19-01 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

Additional Comments:

Infrared Thermometer ID:	REC_04_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:08/15/2019
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: _____

Request Number: RQ-2018-07-16-05

English, Turkey, Poley, Mustang

Florida Department of Environmental Protection Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: B Paswater & S Meyer

Sampling Agency: FDEP SW RCR

Location Field ID/WIN G2SW0006 		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 07/18/2018 Time 10 10	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) B
Field WIN Site Name: English Creek above SR 60		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.89	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
Latitude ☐ dms		Temp (C) 26.7	pH 7.35	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 224.2
Salinity (ppt) 0.11		Comments				
Location Field ID/WIN G2SW0048 		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 07/18/2018 Time 10 50	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) B
Field WIN Site Name: English Creek @ Old Mulberry Rd.		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.22	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
Latitude ☐ dms		Temp (C) 27.0	pH 7.29	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 184.3
Salinity (ppt) 0.09		Comments				
Location Field ID/WIN G2SW0049 		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 07/18/2018 Time 11 00	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) B
Field WIN Site Name: Poley Creek @ SR60		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.88	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
Latitude ☐ dms		Temp (C) 27.2	pH 7.34	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 215.0
Salinity (ppt) 0.10		Comments				
Location Field ID/WIN G2SW0014 		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 07/18/2018 Time 11 30	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) B
Field WIN Site Name: Poley Creek @ Shepard Rd		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.78	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
Latitude ☐ dms		Temp (C) 27.2	pH 7.28	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 212.3
Salinity (ppt) 0.10		Comments				

Relinquished By: <i>Samah Meyer</i>	Date/Time 07/18/2018 16 30	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By: <i>[Signature]</i>	Date/Time 7/19/18 10:34
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Group: A	Bottle Type:	P-1L	# of Bottles: 8	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: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EC					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					
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					

Request Number: RQ-2018-07-16-05

English, Turkey, Poley, Mustang

Florida Department of Environmental Protection Central Laboratory Submittal Form

1 of 3

Page 4 of 2

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: B Paswater & S Meyer

Sampling Agency: FDEP SW ROC

Location		☐ Comp	Collection (comp begin or grab)		☒ Grab	Date 07/18/2018	Time 0850	☒ Eastern	Composite end	Bottle Group(s)
Field ID/WIN	G2SW0025	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine				(See pg 2)
Site Name:	Turkey Creek @ Sydney Rd.	Temp (C)	26.5	pH	6.56	Sample Depth	0.1	☐ ft	☒ m	
		Salinity (ppt)	0.09	Comments						
Location		☐ Comp	Collection (comp begin or grab)		☒ Grab	Date 07/18/2018	Time 0915	☒ Eastern	Composite end	Bottle Group(s)
Field ID/WIN	G2SW0051	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine				(See pg 2)
Site Name:	Turkey Creek @ SR 60	Temp (C)	26.2	pH	7.39	Sample Depth	0.1	☐ ft	☒ m	
		Salinity (ppt)	0.13	Comments						
Location		☐ Comp	Collection (comp begin or grab)		☒ Grab	Date 07/18/2018	Time 0940	☒ Eastern	Composite end	Bottle Group(s)
Field ID/WIN	G2SW0026	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine				(See pg 2)
Site Name:	Mustang Ranch Creek @ Hopewell	Temp (C)	27.8	pH	6.76	Sample Depth	0.3	☐ ft	☒ m	
		Salinity (ppt)	0.06	Comments						
Location		☐ Comp	Collection (comp begin or grab)		☒ Grab	Date 07/18/2018	Time 0930	☒ Eastern	Composite end	Bottle Group(s)
Field ID/WIN	G2SW0050	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine				(See pg 2)
Site Name:	Mustang Ranch @ SR39	Temp (C)	27.5	pH	6.92	Sample Depth	0.1	☐ ft	☒ m	
		Salinity (ppt)	0.06	Comments						

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Sarah Meyer	07/18/2018 1630	FedEx	2	J. O	7/19/18 10:34

Group: A	Bottle Type: P-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: A	Bottle Type: BP-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
CHLSUITE-W					
Group: A B	Bottle Type: QPCR-P-500ML	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	8
PCR-FILTER					
Group: A B	Bottle Type: P-120ML-WC-THI	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	8
SWD-AEL-EC					
Group: A B	Bottle Type: BG-500ML	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	8
W-E8321-DI W-E8321-MS					
Group: A	Bottle Type: P-500ML	# of Bottles: 8	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC			H2SO4 LOT# SA8885170 EXP: 03/26/19		
Group: A	Bottle Type: P-125ML	# of Bottles: 8	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
W-PO4-F					



Advanced
Environmental Laboratories, Inc.

☐ Gainesville: 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6689
☐ Jacksonville: 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
☐ Tallahassee: 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
☒ Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE							LABORATORY I.D. #
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: B370AE									
Phone: 813-470-5770		Project Address:									
Contact: Judy Ashton 813-470-5772		Special Instructions: RQ-2018-07-16-05									
Sampled By:				Analysis Required							
Turn Around Time: ☒ STANDARD ☐ RUSH											
Page: 1 of 2		☐ ADaPT ☐ EQUIS ☐ Other									

SAMPLE ID	SAMPLE DESCRIPTION	Grab	SAMPLING		MATRIX	NO. COUNT	FRE. SER. VATT ON	106						
			DATE	TIME										
Field ID/WIN G2SW0025			7/18/18	0850	SW	1								
Site Name: Turkey Creek @ Sydney Rd.														
Field ID/WIN G2SW0051			7/18/18	0915	SW	1								
Site Name: Turkey Creek @ SR 60														
Field ID/WIN G2SW0026			7/18/18	0940	SW	1								
Site Name: Mustang Ranch Creek @ Hopewell														
Field ID/WIN G2SW0050			7/18/18	0930	SW	1								
Site Name: Mustang Ranch @ SR39														
Field ID/WIN G2SW0006			7/18/18	1010	SW	1								
Site Name: English Creek above SR 60														

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received _____ (in degrees celcius)

DCN: AD-051 Form last revised 04/30/2015 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 0A A: 3A M: 3A S: 1V

Relinquished by: Sarah Meyer	Date: 7/18/18	Time: 12:50	Received by: [Signature]	Date: 7/18/18	Time: 12:55
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FOR DRINKING WATER USE:

PWS ID: _____

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE	Analysis Required	E. coli	106	LABORATORY I.D. #
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: B370AE						
Phone: 813-470-5770		Project Address:						
Contact: Judy Ashton 813-470-5772		Special Instructions: RQ-2018-07-16-05						
Sampled By:		Turn Around Time: ☒ STANDARD ☐ RUSH		☐ ADaPT ☐ EQUIS ☐ Other				
Page: 2 of 2								

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	PRE SER. VATT ON							
			DATE	TIME										
Field ID/WIN G2SW0048	English Creek @ Old Mulberry Rd.		7/13/18	1050	SW	1								
Field ID/WIN G2SW0049	Poley Creek @ SR60		7/18/18	1100	SW	1								
Field ID/WIN G2SW0014	Poley Creek @ Shepard Rd		7/18/18	1130	SW	1								

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H = (HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received _____ (in degrees celcius)

JCN: AD-051 Form last revised 04/30/2015 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 0A A: 3A M: 3A S: 1V

Relinquished by: <i>Deborah Meyer</i>	Date: 7/18/18	Time: 12:56	Received by: <i>[Signature]</i>	Date: 7/18/18	Time: 1253
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FOR DRINKING WATER USE:

PWS ID: _____

Date of Request: 23-JAN-2018
 Created By: PASWATER_B On: 23-JAN-2018
 Modified By: SWANSON_C On: 26-JUN-2018
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: English, Turkey, Poley, Mustang

Send Coolers To:

Phone: 813-632-7600
 FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Ben Paswater

Send Final Report To:

FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Ben Paswater

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: 06-JUL-2018
 Sampling Kit Shipped: YES On: 09-JUL-2018
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 16-JUL-2018
 Received By:

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

Comments: English, Turkey, Poley, Mustang

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-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-SO ₄ -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 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: QPCR-P-500ML	Number of Bottles: 8	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: P-120ML-WC-THI	Number of Bottles: 8	Preserved With: ICE
SWD-AEL-EC	Template: DEFAULT	(EPA 1603) Escherichia coli by membrane filter Advanced Environmental Laboratory in Tampa
Bottle Type: BG-500ML	Number of Bottles: 8	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(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
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

Bottle Group A (Water) With 8 Samples:

Bottle Type: P-125ML

Number of Bottles: 8

Preserved With: FILTER-ICE

W-PO4-F

Template: DEFAULT

(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

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



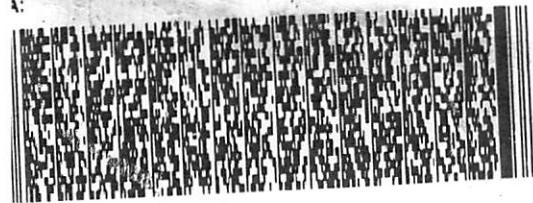
Do Not Lift Using This Tag

IN ID: MCFA (813) 632-7600
WASHINGTON
EP SOUTHWEST DISTRICT
1 NORTH TELECOM PARKWAY
PLE TERRACE, FL 33637
ED STATES US

SHIP DATE: 02FEB18
ACTWGT: 10.00 LB
CAD: 100182098/NET3980

AMZAD SHAIK
FL DEP
FL DEP CHEMISTRY SECTIC
2600 BLAIR STONE RD
TALLAHASSEE FL 32399
30) 245-8085 REF: FZ

RT 856 1 10:30 B
9684
07.19



FedEx
Express



FedEx

TRK# 7907 7444 9684
0221

THU - 19 JUL 10:30A
PRIORITY OVERNIGHT

36 TLHA

32399
FL-US
TLH



fedex

Do Not Lift Using This

ORIGIN ID: MCFA (813) 632-7600
JUDY ASHTON
FL DEP SOUTHWEST DISTRICT
13051 NORTH TELECOM PARKWAY
TEMPLE TERRACE, FL 33637
UNITED STATES US

SHIP DATE: 02FEB18
ACTWGT: 10.00 LB
CAD: 100182098/NET3980

TO AMZAD SHAIK
FL DEP
FL DEP CHEMISTRY SECTION
2600 BLAIR STONE RD
TALLAHASSEE FL 32399

(850) 245-8085

REF:

INV:
PC:

DEPT:

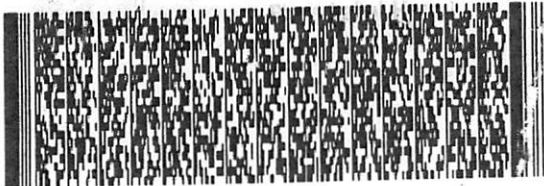
RMA:

RT 856

FZ

1 10:30 B
9700
07.19

552111220L



FedEx
Express



J81118010571w

FedEx

TRK# 7907 7444 9700

36 TLHA

THU - 19 JUL 10:30A
PRIORITY OVERNIGHT

32399

FL-US
TLH

