

Log-in Checklist

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound | _____ Date/Time of Receipt: **07/13/2018 / 10:00**

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	2.9C	10		/			
Red	3.7C	12		/			

*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 X No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No X Date 07-16-18

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**

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		<u>✓</u>	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: **ABS

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

Coolers Unpacked/Checked by: **ABS** Date: **07/13/2018** NCRs (Y/N)? _____

Event ID: Wares, Wares, Mill, Gap, & Nonsense NCR # _____

SW-DIST-2018-07-13-02 (SMP)

Date Received: 13-JUL-2018 10:00

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_03_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:09/15/2019
Chlorine Test Strips Lot #	8062 EXP:2020/12

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: _____

Request Number: RQ-2018-07-09-04

Wares, Wares, Mill, Gap, & Nonsense

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Page 1 of 4
 last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Benjamin Paswater

Field Report Prepared By:

Collected By:

Sampling Agency:

Ben Paswater

SW ROC

Location	Field ID/WIN	G2SW0030	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/12/18 Time 1130	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID	G2SW0030		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN/ST	G2SW0030		Temp (C) 29.3		pH 7.34	Sample Depth 0.3	Sp. Conductance (umho/cm) 537	
Latitude	Gap Creek @ 45th St.		☐ dd ☐ dms		Salinity (ppt)	Comments		
Location	Field ID/WIN	G2SW0031	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/12/18 Time 1200	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	G2SW0031		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN/ST	G2SW0031		Temp (C) 31.3		pH 8.07	Sample Depth 0.3	Sp. Conductance (umho/cm) 622	
Latitude	Wares Creek @ 36th Ave		☐ dd ☐ dms		Salinity (ppt)	Comments		
Location	Field ID/WIN	G2SW0029	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/12/18 Time 1230	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	G2SW0029		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/ST	G2SW0029		Temp (C) 31.1		pH 7.26	Sample Depth 0.3	Sp. Conductance (umho/cm) 18970	
Latitude	Wares Creek @ 9th Ave		☐ dd ☐ dms		Salinity (ppt)	Comments Salty		
Location	Field ID/WIN	G2SW0040	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/12/18 Time 1010	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	G2SW0040		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B/C
WIN/ST	G2SW0040		Temp (C) 26.3		pH 7.11	Sample Depth 0.3	Sp. Conductance (umho/cm) 363	
Latitude	Mill Creek @ Upper Manatee Rvr Rd.		☐ dd ☐ dms		Salinity (ppt)	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Ben Paswater	7/12/18 4p	Fed Ex	2	APR	7-16-18/14:17

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Wares, Wares, Mill, Gap, & Nonsense

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 7/12/18 Time 1100		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID/WIN G2SW0041		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 4.03		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		C	
WIN/S		Temp (C) 26.1		pH 7.19		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 354	
Site Name: Nonsense Crk @ Lingerlodge		☐ dd ☐ dms		Salinity (ppt)		Comments					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 7/12/18 Time 1050		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID/WIN G2SW0015		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 4.2		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		C	
WIN/S		Temp (C) 25.8		pH 7.19		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 343	
Site Name: Nonsense Crk @ Tara Preserve		☐ 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)			
WIN/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)			
WIN/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: HED	Date/Time 07-13-18 1100
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EC					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-F					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EC					
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					

Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F					
Group: C	Bottle Type:	QPCR-P-500ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
	PCR-FILTER					
Group: C	Bottle Type:	P-120ML-WC-THI	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3 to AEL
	SWD-AEL-EN					
Group: C	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
	W-E8321-DI					
	W-E8321-MS					

General
Environmental Laboratories, Inc.

Gainesville: 4805 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
Jacksonville: 6881 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.8350 • Fax 904.363.8354
Tallahassee: 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
Tampa: 9810 Pinesse Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

FDEP SW Dist		Project Name:		SMP		BOTTLE SIZE & TYPE		LABORATORY I.D. #	
N. Telecom Pkwy, Temple Terrace FL 33637		P.O. Number:		AE315E, 3310AE					
813-470-5770		Project Address:							
Judy Ashton 813-470-5772		Special Instructions:		RQ-2018-07-09-C4					
☒ STANDARD ☐ RUSH		☐ ADAPT ☐ EQUIS ☐ Other		Analysis Required		E. COLI		ENTERIC	
of 7									
SAMPLE DESCRIPTION		Grade		SAMPLING DATE		MATRIX		NO. COUNT	
MIN G2SW0030		11/30		7/12/16		SL		1	
Gap Creek @ 45th St.									
/IN G2SW0031		1900						1	
Wares Creek @ 36th Ave									
/IN G2SW0029		1930						1	
Wares Creek @ 9th Ave									
/IN G2SW0028 40		1010						1	
Mill Creek @ Upper Manatee Rvr Rd.									
N G2SW0041		1100						1	
Nonsense Crk @ Lingerdodge									

SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge
Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked ☐ Temperature when received _____ (in degrees Celsius)
st revised 04/30/2015
Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 8A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V
FOR DRINKING WATER USE:

Date of Request: 16-JAN-2018
 Created By: PASWATER_B On: 16-JAN-2018
 Modified By: SWANSON_C On: 20-JUN-2018
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: Wares, Wares, Mill, Gap, & Nonsense

Send Coolers To:

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

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 13-JUN-2018
 Biology Request Reviewed By: SWANSON_C On: 20-JUN-2018
 Sampling Kit Required: YES Ship on: 29-JUN-2018
 Sampling Kit Shipped: YES On: 25-JUN-2018
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 09-JUL-2018
 Received By: SHAIK_A On: 13-JUL-2018

Send Final Report To:

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

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

Comments: Wares, Wares, Mill, Gap, & Nonsense

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-120ML-WC-THI	Number of Bottles: 2	Preserved With: ICE
SWD-AEL-EC	Template: DEFAULT	(EPA 1603) Escherichia coli by membrane filter Advanced Environmental Laboratory in Tampa

Bottle Type: P-500ML	Number of Bottles: 2	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: 2	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 2 Samples:

Bottle Type: P-125ML	Number of Bottles: 2	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 Type: P-1L	Number of Bottles: 2	Preserved With: ICE

Bottle Group B (Water) With 2 Samples:

Bottle Type: P-1L		Number of Bottles: 2	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-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: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.))	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-120ML-WC-THI		Number of Bottles: 2	Preserved With: ICE
SWD-AEL-EC	Template: DEFAULT	(EPA 1603)	Escherichia coli by membrane filter Advanced Environmental Laboratory in Tampa
Bottle Type: P-500ML		Number of Bottles: 2	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 Group C (Water) With 3 Samples:

Bottle Type: QPCR-P-500ML		Number of Bottles: 3	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: 3	Preserved With: ICE
SWD-AEL-EN	Template: DEFAULT	(SM 9230 C)	Enterococci by membrane filter method by Advanced Environmental Overflow Laboratories for SWD
Bottle Type: BG-500ML		Number of Bottles: 3	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:	(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.

ORIGIN ID: TLHA (813) 470-5772
BEN PASHWATER
FL DEP SOUTHWEST DISTRICT
13051 N TELECOM PKWY

SHIP
ACTWGT: 18
CAD: 0446 LB MAN
CAFE3111

TEMPLE TERRACE, FL 336370926
UNITED STATES US

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

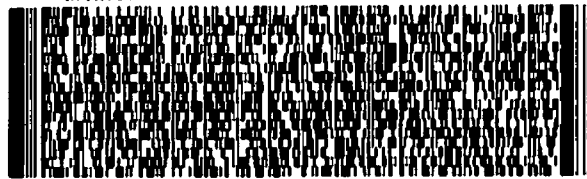
TALLAHASSEE FL 32399

(850) 246-8077

REF:

DEPT:

RMA: ||| ||| |||



FedEx
Express



J17101610200100

FedEx
TRK# 4385 5030 8080
0221

FRI - 13 JUL 10:30A
PRIORITY OVERNIGHT

32399
FL-US
TLH

36 TLHA



FID 981491 12JUL18 MCFA 546C2/8532/8C8A

ORIGIN ID: TLHA (813) 470-5772
BEN PASHWATER
FL DEP SOUTHWEST DISTRICT
13051 N TELECOM PKWY

SHIP DATE: 25 JUN 18
ACTWGT: 15.00 LB MAN
CAD: 0446970/CAFE3111

TEMPLE TERRACE, FL 336370926
UNITED STATES US

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

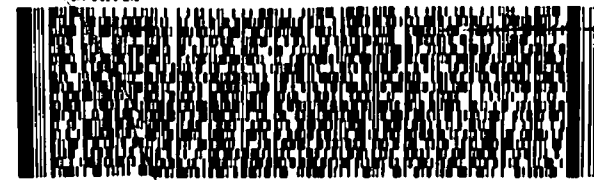
TALLAHASSEE FL 32399

(850) 246-8077

REF:

DEPT:

RMA: ||| ||| |||



FedEx
Express



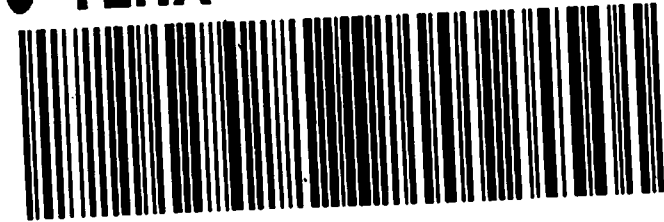
J17101610200100

FedEx
TRK# 4385 5030 8079
0221

FRI - 13 JUL 10:30A
PRIORITY OVERNIGHT

32399
FL-US
TLH

36 TLHA



FID 981491 12JUL18 MCFA 546C2/8532/8C8A