

Log-in Checklist

RQ-2018-04-23-05

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound | _____ Date/Time of Receipt: 05/11/2018 / 10:10

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	2.3C	15		X			
Red	0.9C	10		X			
Red	2.8C	15		X			

*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 ABS Date 5-11-18

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 (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-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: 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: 05/11/2018 NCRs (Y/N)? _____

Event ID: Lakes: Wire, Bonnet, Beluah
SW-DIST-2018-05-11-01 (SMP)
Date Received: 11-MAY-2018 10:10
 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_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 #	091417V EXP:09/2021

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-2018-04-23-05

Florida Department of Environmental Protection

1 of 4

Page 1 of 2

Lakes: Wire, Bonnet, Beluah

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: H Sprinkle & S Meyer

Sampling Agency: BW ROC

Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s) (See pg 2)
Field ID/WIN G2SW0051		☒ Grab	Date 05/10/2018	Time 10 10	☒ Central	Date	Time	
Field	WIN	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		A
Site Name: Lake Beulah NW		Temp (C) 26.6		pH 9.0	☐ % sat			
Latit		Sample Depth 0.3		☐ ft	Sp. Conductance (umho/cm) 87			
		☐ dd	Salinity (ppt) 0.04	Comments				
		☐ dms						
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s)
Field ID/WIN G2SW0052		☒ Grab	Date 05/10/2018	Time 09 30	☒ Central	Date	Time	
Field	WIN	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		A
Site Name: Lake Beulah SW		Temp (C) 26.6		pH 8.7	☐ % sat			
Latit		Sample Depth 0.3		☐ ft	Sp. Conductance (umho/cm) 88			
		☐ dd	Salinity (ppt) 0.04	Comments				
		☐ dms						
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s)
Field ID/WIN G2SW0053		☒ Grab	Date 05/10/2018	Time 09 50	☒ Central	Date	Time	
Field	WIN	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		A
Site Name: Lake Beulah East		Temp (C) 26.4		pH 8.8	☐ % sat			
Latit		Sample Depth 0.3		☐ ft	Sp. Conductance (umho/cm) 87			
		☐ dd	Salinity (ppt) 0.04	Comments				
		☐ dms						
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s)
Field ID/WIN G2SW0055		☒ Grab	Date 05/10/2018	Time 11 20	☒ Central	Date	Time	
Field	WIN	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		A
Site Name: Wire Lake East		Temp (C) 26.6		pH 9.3	☐ % sat			
Latit		Sample Depth 0.3		☐ ft	Sp. Conductance (umho/cm) 88			
		☐ dd	Salinity (ppt) 0.04	Comments				
		☐ dms						

Relinquished By: <u>Sarah Meyer</u>	Date/Time: 05/10/2018 1600	Shipping Method: FedEx	Number of Coolers Shipped: 3	Received By: <u>[Signature]</u>	Date/Time: 05/10/2018/1010
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Group: A Bottle Type: P-1L # of Bottles: 8 Preservative: ICE Enter Number of Bottles Sent to Lab 8

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 8

CHLSUITE-W

Group: A Bottle Type: P-120ML-WC-THI # of Bottles: 8 Preservative: ICE Enter Number of Bottles Sent to Lab 8

SWD-AEL-EC

DROPPED ON P-120

Group: A Bottle Type: P-500ML # of Bottles: 8 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 8

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 8

W-PO4-F

GROUP A

P-500ML

W-ICP, W-ICPMS

H SENT

8

Lakes: Wire, Bonnet, Beluah

last revised Jan 25, 2018

Central Laboratory Submittal Form

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: H Sprinkle & S Meyer

Sampling Agency: SW ROC

Location	Field ID/WIN	G2SW0056	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/10/2018 Time 1100	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)	
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
WIN/STC	Site Name:	Wire Lake West	Temp (C) 26.5	pH 9.3	Sample Depth 0.3	Sp. Conductance (umho/cm) 88		
Latitude		☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.04	Comments			
Location	Field ID/WIN	G2SW0057	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/10/2018 Time 1245	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)	A	
WIN/STC	Site Name:	Lake Bonnet North	Temp (C) 28.3	pH 9.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 180		
Latitude		☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.08	Comments			
Location	Field ID/WIN	G2SW0059	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/10/2018 Time 1310	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)	A	
WIN/STC	Site Name:	Lake Bonnet SE	Temp (C) 28.5	pH 9.8	Sample Depth 0.3	Sp. Conductance (umho/cm) 174		
Latitude		☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.08	Comments			
Location	Field ID/WIN	G2SW0058	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/10/2018 Time 1220	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)	A	
WIN/STC	Site Name:	Lake Bonnet SW	Temp (C) 28.2	pH 10.0	Sample Depth 0.3	Sp. Conductance (umho/cm) 181		
Latitude		☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.08	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Sarah Meyer	05/10/2018 1600	FedEx	3	ASB	05/10/2018 10:10

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: P-120ML-WC-THI	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EC			
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			



Advanced
Environmental Laboratories, Inc.

Jacksonville: 4965 SW 41st Blvd. • Jacksonville, FL 32608 • 352.377.2349 • Fax 352.395.6639
Tallahassee: 6881 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: AF315E		Project Address:							
Phone: 813-470-5770											
Contact: Judy Ashton 813-470-5772											
Sampled By:											
Turn Around Time: ☒ STANDARD ☐ RUSH											
Page: 2 of 2											
SAMPLE FIELD		SAMPLE DESCRIPTION		Grab Sample		SAMPLING DATE		TIME		MATRIX	
Field IDWIN		G2SW0051		5/10/18		1010		SW		1	
Site Name: Lake Beulah NW											
Field IDWIN		G2SW0052		5/10/18		930		SW		1	
Site Name: Lake Beulah SW											
Field IDWIN		G2SW0053		5/10/18		950		SW		1	
Site Name: Lake Beulah East											
Field IDWIN		G2SW0055		5/10/18		1120		SW		1	
Site Name: Wire Lake East											
Field IDWIN		G2SW0056		5/10/18		1100		SW		1	
Site Name: Wire Lake West											
Matrix Code: WW = wastewater SW = surface water UVW = groundwater JW = drinking water O = oil A = air SO = soil SL = sludge											
Received on Ice ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked											
DCN AD-051 Form last revised 04/30/2015											
Relinquished by: Date Time											
Received by: Date Time											
Device used for measuring Temp by unique identifier (circle IR temp gun used) J 9A G LT-1 LT-2 T 10A A 3A M 3A S 1V											
PWS ID:											
FOR DRINKING WATER USE:											



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☐ **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	Analysis Required	E Coli					LABORATORY I.D. #
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: AF315E									
Phone: 813-470-5770		Project Address:									
Contact: Judy Ashton 813-470-5772		Special Instructions: RQ-2018-04-23-05									
Sampled By:											
Turn Around Time: ☒ STANDARD ☐ RUSH											
Page: 1 of 2		☐ ADaPT ☐ EQUIS ☐ Other									

SAMPLE ID	SAMPLE DESCRIPTION	Grab ?	SAMPLING		MATRIX	NO. COUNT	PRE-SER. VARIATION					
			DATE	TIME								
Field ID/WIN G2SW0057 	Site Name: Lake Bonnet North		5/10/18 12:45 SM	1245	SW	1		✓				
Field ID/WIN G2SW0058 	Site Name: Lake Bonnet SW		5/10/18	1220	SW	1		✓				
Field ID/WIN G2SW0059 	Site Name: Lake Bonnet SE		5/10/18 13:10 SM	1310	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)

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: 10A A: 3A M: 3A S: 1V

Relinquished by: Sarah Meyer	Date: 5/10/18	Time: 14 10	Received by: [Signature]	Date: 5/10/18	Time: 14 10
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FOR DRINKING WATER USE:
 PWS ID: _____

Date of Request: 18-JAN-2018
 Created By: PASWATER_B On: 18-JAN-2018
 Modified By: SWANSON_C On: 30-MAR-2018
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: Lakes: Wire, Bonnet, Beluah

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: 28-MAR-2018
 Biology Request Reviewed By: SWANSON_C On: 30-MAR-2018
 Sampling Kit Required: YES Ship on: 13-APR-2018
 Sampling Kit Shipped: YES On: 09-APR-2018
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 23-APR-2018
 Received By: SHAIK_A On: 11-MAY-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: Lakes: Wire, Bonnet, Beluah

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:	Number of Bottles: 8	Preserved With: ICE
SWD-AEL-EC	Template: DEFAULT	(EPA 1603) Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Tampa Lab for SWD
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

ORIGIN ID: TLHA (813) 470-5951
MATTHEW BEARDEN
FL DEP SOUTHWEST DISTRICT
13051 N TELECOM PKWY

SHIP DATE: 19APR18
ACTWGT: 35.00 LB MAN
CAD: 0446970/CAFE3111

TEMPLE TERRACE, FL 336370926
UNITED STATES US

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

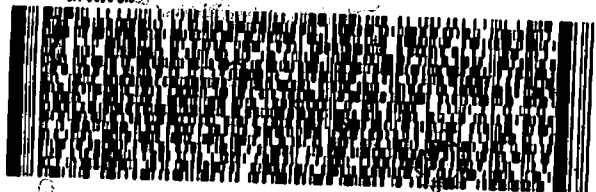
TALLAHASSEE FL 32399

(850) 245-8077

REF:

DEPT:

RMA: 01111111



FedEx
Express



1336/216/1295

ORIGIN ID: TLHA (813) 470-5951
MATTHEW BEARDEN
FL DEP SOUTHWEST DISTRICT
13051 N TELECOM PKWY

SHIP DATE: 20APR1
ACTWGT: 8.00 LB
CAD: 0446970/CAFE

TEMPLE TERRACE, FL 336370926
UNITED STATES US

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

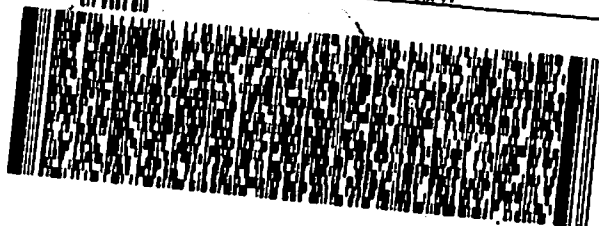
TALLAHASSEE FL 32399

(850) 245-8077

REF:

DEPT:

RMA: 01111111



FedEx

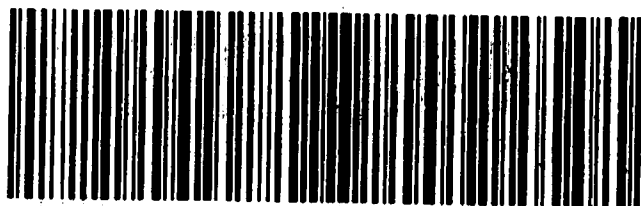


FedEx
TRK# 0221 4385 5028 5247

FRI - 11 MAY 10:30A
PRIORITY OVERNIGHT

36 TLHA

32399
FL-US
TLH



FTD 5201118 10MAY18 MCFA 546C2/782B/8C8A

FedEx
TRK# 0221 4385 5028 5590

FRI - 11 MAY 10:30A
PRIORITY OVERNIGHT

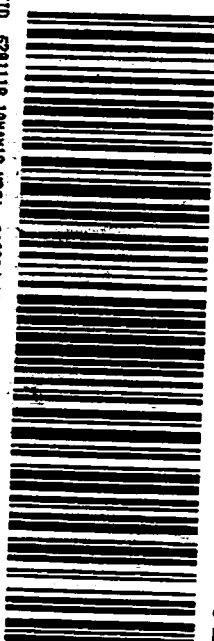
36 TLHA

32399
FL-US
TLH



FTD 5201118 10MAY18 MCFA 546C2/782B/8C8A

FTD 5201118 10MAY18 MCFA 546C2/782B/8C8A

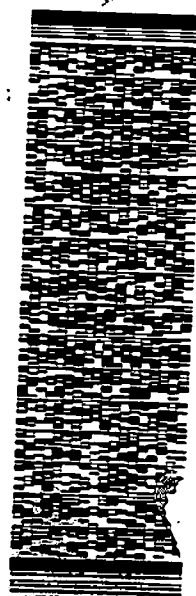


36 TLHA

32399
FL-US
TLH

FedEx
TRK# 0221 4385 5028 5258

FRI - 11 MAY 10:30A
PRIORITY OVERNIGHT



RMA: 01111111

(850) 245-8077

REF:

DEPT:

FL

856

10:30
05.11

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD
TALLAHASSEE FL 32399
UNITED STATES US
TEMPLE TERRACE, FL 336370926
SHIP DATE: 19APR18
ACTWGT: 35.00 LB MAN
CAD: 0446970/CAFE3111