

RQ- 2018-08-13-26

Log-in Checklist

Login Station ID: # 3Shipping Method: FedEx | UPS | HD | Greyhound | _____ Date/Time of Receipt: 08/17/2018 / 09:25

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	
BLUE	125	20		X			
REQ	241	14		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 X Date _____

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 X 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			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 $\leq$ 2.0? Yes X No _____ NA _____ Init: ABS

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

Coolers Unpacked/Checked by: ABS Date: 08/17/2018 NCRs (Y/N)? _____

Event ID: CALOOSA LT 3240A
SO-DIST-2018-08-17-02 (BMAP)
 Date Received: 17-AUG-2018 09:25 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 #	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: _____

CALOOSA LT 3240A

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Requester: John Barrington

Field Report Prepared By: JB, CC

Project ID: BMAP

Collected By:

JOHN BARRINGTON CHASE COWLEY

Sampling Agency:

FDGP SOROC

Location		Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/16/18 Time 0935	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID		Location G3SD0108		Matrix (type, e.g., Salt, Fresh, etc) SALT		Diss. Oxygen 5.50	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
WIN/STOI				Temp (C) 30.27	pH 7.83	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 25850
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location		Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/16/18 Time 1005	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Location G3SD0109		Matrix (type, e.g., Salt, Fresh, etc) SALT		Diss. Oxygen 7.16	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
WIN/STOI				Temp (C) 29.80	pH 7.93	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 18463
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location		Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/16/18 Time 1030	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Location G3SD0110		Matrix (type, e.g., Salt, Fresh, etc) SALT		Diss. Oxygen 7.31	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
WIN/STOI				Temp (C) 30.13	pH 7.86	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 9638
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location		Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/16/18 Time 1105	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Location G3SD0111		Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 6.10	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
WIN/STOI				Temp (C) 29.88	pH 7.82	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 433
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JOHN BARRINGTON	8/16/18 1502	FDGP	5	ADP	8-17-18/125

Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
ALKALINITY W-F					
Group: A	Bottle Type: P-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
BOD-UNIN					
Group: A	Bottle Type: BP-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
CHLSUITE-W					
Group: A	Bottle Type: P-125ML	# of Bottles: 4	Preservative: FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	4
W-DOC					
Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: HNO3	Enter Number of Bottles Sent to Lab	4
W-ICP W-ICPMS					
Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: A	Bottle Type: P-125ML	# of Bottles: 4	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	4
W-PO4-F					
Group: B	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
ALKALINITY W-F					
Group: B	Bottle Type: P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
BOD-UNIN					
Group: B	Bottle Type: P-125ML	# of Bottles: 1	Preservative: FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	1
W-DOC					
Group: B	Bottle Type: P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
W-ICP W-ICPMS					
Group: B	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1

SA 8085770 3/26/18
NA 734 1010 12/7/18

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SO-DIST

Project ID: BMAP

Requester: John Barrington

Field Report Prepared By: JB

Collected By: JOHN BARRINGTON, CHASE CANNIFF

Sampling Agency: FDEP S024C

Loc#	Mid channel off point		☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s) (See pg 2)
Field			☒ Grab	Date 8/16/18 Time 1315	Central	Date Time	
WIN	BLANK_08162018		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)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location			☐ Comp ☐ Grab	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			Date	Time	Central	Date Time	
WIN/STORET #			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)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location			☐ Comp ☐ Grab	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			Date	Time	Central	Date Time	
WIN/STORET #			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)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location			☐ Comp ☐ Grab	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			Date	Time	Central	Date Time	
WIN/STORET #			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)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JOHN BARRINGTON	8/16/18 1500	FDEX	5	JB	8-17-18/1925

Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
ALKALINITY W-F				
Group: A	Bottle Type: P-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
BOD-UNIN				
Group: A	Bottle Type: BP-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W				
Group: A	Bottle Type: P-125ML	# of Bottles: 4	Preservative: FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab _____
W-DOC				
Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: HNO3	Enter Number of Bottles Sent to Lab _____
W-ICP W-ICPMS				
Group: A	Bottle Type: P-500ML	# of Bottles: 4	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: 4	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab _____
W-PO4-F				
Group: B	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
ALKALINITY W-F				
Group: B	Bottle Type: P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
BOD-UNIN				
Group: B	Bottle Type: P-125ML	# of Bottles: 1	Preservative: FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab _____
W-DOC				
Group: B	Bottle Type: P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab _____
W-ICP W-ICPMS				
Group: B	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____

SEE OTHER

Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3				
	W-NO2NO3			SA8085710	3/26/18
	W-S-A-TP			NA7341010	12/7/18
	W-TKN				
	W-TOC				

Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F				

Date of Request: 30-JUL-2018
 Created By: BARRINGT_J On: 30-JUL-2018
 Modified By: SWANSON_C On: 01-AUG-2018
 Customer: SO-DIST
 Project: BMAP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: CALOOSA LT 3240A

Send Coolers To:

Phone: 239-344-5720
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: John Barrington

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: John Barrington

Program Module Number:

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 31-JUL-2018
 Biology Request Reviewed By: SWANSON_C On: 01-AUG-2018
 Sampling Kit Required: YES Ship on: 03-AUG-2018
 Sampling Kit Shipped: YES On: 03-AUG-2018
 Sampling Kit Packed By: RODRIGUE_G
 Preservatives Needed: NO
 Date to Receive Samples: 13-AUG-2018
 Received By:

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

Comments: Group A: WBID 3240A
 Group B: Field Blank

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Bottle Type: P-1L	Number of Bottles: 4	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 4	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-125ML	Number of Bottles: 4	Preserved With: FILTER-H ₂ SO ₄ -ICE
W-DIC	Template: DEFAULT	(SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 4	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
Chromium		
Iron		
Zinc		
W-ICPMS	Template: PRTY	(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		
Nickel		
Silver		
Bottle Type: P-500ML	Number of Bottles: 4	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

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: ICE And H2SO4
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: 4	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

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-H2SO4-ICE
W-DOC	Template: DEFAULT	(SM 5310 B-00) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3
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
Chromium		
Iron		
Zinc		
W-ICPMS	Template: PRTY	(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		
Nickel		
Silver		
Bottle Type: P-500ML	Number of Bottles: 1	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: 1	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
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited

ORIGIN ID: TLHA (239) 344-5720
JOHN BARRINGTON
FDEP SOUTH DISTRICT OFFICE
2295 VICTORIA AVE, SUITE 364
FORT MYERS, FL 33901
UNITED STATES US

SHIP DATE: 03AUG18
ACTWGT: 20.00 LB 15.00 OZ
CWD: 0446970/CAFE3210

TO JOHN WATTS

FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(050) 245-8077
REF: 3E211

REF: 3E211

REF: 3E211

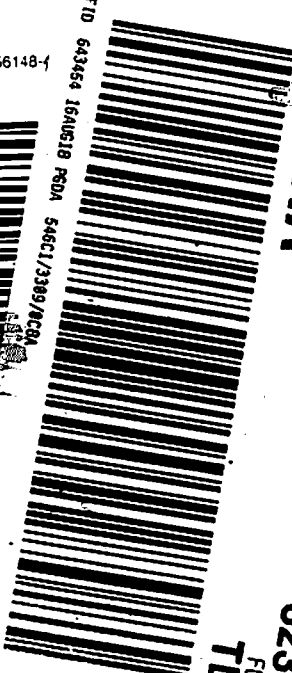
REF: 3E211

FedEx
0221 4385 5032 0985

FRI - 17 AUG 10:30A
PRIORITY OVERNIGHT HT

XH TLHA

32399
FL-US
TLH



FTD 643454 16AUG18 PSDA 546C1/3389/RCDA

Part # 156148-4

ORIGIN ID: TLHA (239) 344-5720
JOHN BARRINGTON
FDEP SOUTH DISTRICT OFFICE
2295 VICTORIA AVE, SUITE 364
FORT MYERS, FL 33901
UNITED STATES US

SHIP DATE: 03AUG18
ACTWGT: 20.00 LB 15.00 OZ
CWD: 0446970/CAFE3210

TO JOHN WATTS

FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(050) 245-8077
REF: 3E211

REF: 3E211

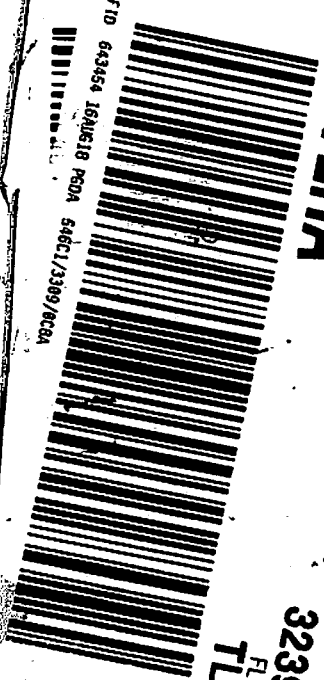
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0221 4385 5032 0996

FRI - 17 AUG 10:30A
PRIORITY OVERNIGHT

XH TLHA

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FL-US
TLH



FTD 643454 16AUG18 PSDA 546C1/3389/RCDA

Part