

RQ-2018-10-22-03

Log-in Checklist

Login Station ID: # 3

Shipping Method: FedEx UPS | HD | GreyhoundDate/Time of Receipt: **10-23-2018 / 09:45**

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
2.6C			18		X			

* HNO₃ and Formalin persevered 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), 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 10-23-18

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 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 X Init: **ABS**

Coolers Unpacked/Checked by: **ABS** Date: **10-24-2018** NCRs (Y/N)?

Event ID: Snug Harbor, McKay, PP Basin, PP di NCR #
SU-DIST-2018-10-23-01 (SMP)

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 #	2305 15 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:09/15/2019
Chlorine Test Strips Lot #	7226 EXP:20/20/07

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-2018-10-22-03

Snug Harbor, McKay, PP Basin, PP ditch

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, J Ashton, S Meyer

Sampling Agency: FDEP SW ROC

Location	Field ID/WIN G1SW0099	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/22/2018 Time 1007	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 3.75	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A/C
WIN	Site Name: Snug Harbor- TP428	Temp (C) 26.7	pH 6.96	Sample Depth 0.2	Sp. Conductance (umho/cm) 33251	
Latit	☐ dms	☐ dd ☐ dms	Salinity (ppt) 20.75	Comments BACTERIA MOVED W/2 PAGE		
Location	Field ID: G1SW0099	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/22/2018 Time 1010	Eastern Central	Composite end Date Time	Bottle Group(s)
Field II	Location: Snug Harbor TP428_DUP	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A/C
WIN/S	WIN ID: G1SW0099	Temp (C)	pH	Sample Depth 0.2	Sp. Conductance (umho/cm)	
Latitud	☐ dms	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Field ID/WIN BLANK	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/22/2018 Time 1015	Eastern Central	Composite end Date Time	Bottle Group(s)
Field II		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN/S	Site Name: FIELD BLANK_10/22/2018	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitud	☐ dms	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Field ID/WIN G1SW0100	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A/C
WI	Site Name: Pinellas Pt. Basin V TP455	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Lat	☐ dms	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By:	Date/Time 1700 10/22/2018	Shipping Method FedEx	Number of Coolers Shipped:	Received By:	Date/Time 10-23-18 11:45
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	5 4
	ALKALINITY						
	TURBIDITY						
	W-F						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	5 4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	5 4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
				H2SO4 LOT# SA8101020 EXP: 04/11/2018			
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	5 4
	W-PO4-F						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	SW-PCE-ECQ						
Group: C	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	SWD-PCE-FC						
Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	SW-PCE-ENQ						
Group: D	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	PCR-FILTER						
	PCR-HF183						
Group: D	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI						
	W-E8321-MS						

Snug Harbor, McKay, PP Basin, PP ditch

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, J Ashton, S Meyer

Sampling Agency: FDEP SW ROC

Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		☒ Eastern ☐ Central		Composite end		Bottle Group(s)	
Field ID/WIN		Date		Time		Date		Time		Date	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A/C/D	
WIN/STORET #		Temp (C)		pH		Sample Depth		☐ ft ☒ m		Sp. Conductance (umho/cm)	
Latitude		Longitude		Salinity (ppt)		Comments					
Field ID/WIN		Date		Time		☒ Eastern ☐ Central		Composite end		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		C	
WIN/STORET #		Temp (C)		pH		Sample Depth		☐ ft ☒ m		Sp. Conductance (umho/cm)	
Latitude		Longitude		Salinity (ppt)		Comments					
Field ID/WIN		Date		Time		☐ Eastern ☐ Central		Composite end		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		Longitude		Salinity (ppt)		Comments					
Field ID/WIN		Date		Time		☐ Eastern ☐ Central		Composite end		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		Longitude		Salinity (ppt)		Comments					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Sarah Meyer	10/22/2018 1700	FedEx		ABJ	10-23-18/9:45

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-F					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	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: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SW-PCE-ECQ					
Group: C	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-PCE-FC					
Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SW-PCE-ENQ					
Group: D	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
	PCR-HF183					
Group: D	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:

Company:	FDEP	Report To:	
Address:	13051 N. Telecom Pkwy	Company Name:	
	Temple Terrace, FL 33637	Address:	
Email To:	DEP-Overseer@fla.gov	Purchase Order No.:	B374A0
Phone:	813-470-5772	Project Name:	SMP
Requested Due Date/TAT:	Contact: Judy Ashton	Pace Project Manager:	Jeff Baylor
		Pace Profile #:	10742

Section B Required Project Information:

Request ID:	RG-2018-10-22-03
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Section C Invoice Information:

Attention:	
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ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE WT SAMPLE TYPE = GRAB	COLLECTED		# OF CONTAINERS	Preservatives			Analysis Test	Requested Analysis Filtered (Y/N)			Residual Chlorine
			DATE	TIME		ICE	Na2S03	Other		E.COLI	ENTERO	FECAL	
	Field IDWIN G1SW0099	WATER FRESH MARINE	10/22/18	26.7	2								
	Field IDWIN G1SW0100												
	Field IDWIN G5SW0130		10/22/18	29.2	1								

ADDITIONAL COMMENTS	RELINQUISHED BY/AFFILIATION	DATE	TIME	ACCEPTED BY/AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	S Meyer	10/22/18	12:10	WPC 06218	10/22/18	4:19	12.3	Y	N	Y

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER:	Baron Meyer
SIGNATURE of SAMPLER:	<i>Baron Meyer</i>
DATE Signed (MM/DD/YYYY):	10/22/18



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 2 of 2	
Company: FDEP		Report To:		Attention:			
Address: 13051 N. Telecom Pkwy		Copy To:		Company Name:		REGULATORY AGENCY	
Temple Terrace, FL 33637				Address:		☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER	
Email To: DEP-Overflowmicro		Purchase Order No.: B374A0		Pace Quote Reference:		☐ UST ☐ RCRA ☒ OTHER Surface Water	
Phone: 813-470-5772		Project Name: SMP		Pace Project Manager: Jeff Baylor		Site Location	
Requested Due Date/TAT:		RQ-2018-10-22-03		Pace Profile #: 10742		STATE: FLORIDA	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	WATER WT FRESH F MARINE M	MATRIX CODE WT	SAMPLE TYPE = GRAB	COLLECTED		# OF CONTAINERS	Preservatives				Analysis Test Y/N	Requested Analysis Filtered (Y/N)				Residual Chlorine	Pace Project No./ Lab I.D.
						DATE	TIME		ICE	Na2S03	Other	E. COLI		ENTERO	FECAL				
	Field ID/WIN	G5SW0134				10/22/18	1100	26.7	1	✓									
	Site Name:	PP Ditch#1 @ 71st St.																	
2																			
	Field ID:	G1SW0099				10/22/18	1010	26.7	2	✓			✓	✓					
	Location:	Snug Harbor TP428_DUP																	
	WIN ID:	G1SW0099																	
ADDITIONAL COMMENTS		RELINQUISHED BY/AFFILIATION		DATE		TIME		ACCEPTED BY/AFFILIATION		DATE		TIME		1203					
		S Meyer FDEP		10/22/18		1210		NMC/PAE		10/22/18		1210 4.9		Y		N		Y	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Iss (Y/N)	Custody Sealed Codes (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Sarah Meyer					
SIGNATURE of SAMPLER: Sarah Meyer					
DATE Signed (MM/DD/YY): 10/22/18					

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.08, 12-Oct-2007

Date of Request: 13-AUG-2018
 Created By: PASWATER_B On: 13-AUG-2018
 Modified By: SWANSON_C On: 02-OCT-2018
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: Snug Harbor, McKay, PP Basin, PP ditch

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: 01-OCT-2018
 Biology Request Reviewed By: SWANSON_C On: 02-OCT-2018
 Sampling Kit Required: YES Ship on: 12-OCT-2018
 Sampling Kit Shipped: YES On: 08-OCT-2018
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 22-OCT-2018
 Received By: SHAIK_A On: 23-OCT-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: Snug Harbor, McKay, PP Basin, PP ditch

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	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: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 3	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: 3	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-250ML-WI-THI	Number of Bottles: 2	Preserved With: ICE
SW-PCE-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert-18 Quanti-Tray method by Pace Analytical Services in Oldsmar

Bottle Group C (Water) With 2 Samples:

Bottle Type: P-120ML-WC-THI	Number of Bottles: 2	Preserved With: ICE
SWD-PCE-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method by Pace Analytical in Oldsmar
Bottle Type: P-250ML-WI-THI	Number of Bottles: 2	Preserved With: ICE
SW-PCE-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by Pace Analytical Services in Oldsmar

Bottle Group D (Water) With 1 Samples:

Bottle Group D (Water) With 1 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 1	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction
Bottle Type: BG-500ML	Number of Bottles: 1	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: DEFAULT	(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 PASWATER
FL DEP SOUTHWEST DISTRICT
13051 N TELECOM PKWY

SHIP DATE: 08UC118
ACTWGT: 10.00 LB MAN
CAD: 0446870/CAFE3211

TEMPLE TERRACE, FL 336370926
UNITED STATES US

TO **JOHN WATTS**
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

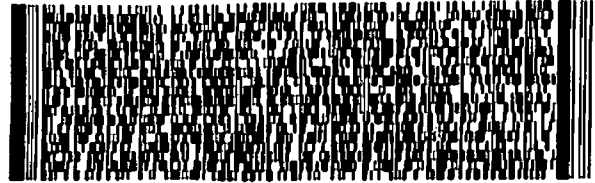
TALLAHASSEE FL 32399

(850) 245-8077

REF:

DEPT:

RMA: 01111111



FedEx
Expi



RETURNS MON -

FedEx

TRK#
0221 4385 5034 4879

TUE - 23 OCT 10:30A
PRIORITY OVERNIGHT

36 TLHA

32399

FL-US
TLH



FTD 981491 22OCT18 MCF 553C1/68FB/8C8A