

Suwannee 4

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

Requester: Nicole Frederick

Field Report Prepared By: N. Frederick

Project ID: SMP

Collected By: N. Frederick / A. Kalmbacher

Sampling Agency: NE ROC

Location Suwannee River @ SRL6		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/14/16 Time 1020		☒ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2) C	
Field ID		Matrix (type, e.g., Salt, Fresh, etc) SALT		Diss. Oxygen 5.31/72.3%	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORET # 21020141		Temp (C) 31.47	pH 4.54	Sample Depth 10.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 52			
Latitude 30.50748	☒ dd ☐ dms	Longitude 82.71674	☒ dd ☐ dms	Salinity (ppt) 0.02	Comments Very fast flow				
Location Suwannee River @ Cone Bridge		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/14/16 Time 1330		☒ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s) C	
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 4.23/58.2%	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORET # 21010020		Temp (C) 31.74	pH 5.80	Sample Depth 0.30	☐ ft ☒ m	Sp. Conductance (umho/cm) 67			
Latitude 30.445050	☒ dd ☐ dms	Longitude 82.670964	☒ dd ☐ dms	Salinity (ppt) 0.03	Comments Duplicate Done at site @ 1335				
Location Rocky Creek @ woodpecker Rd		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/14/16 Time 1050		☒ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s) A	
Field ID		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 1.69/20.8%	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORET # 21010032		Temp (C) 25.07	pH 5.46	Sample Depth 0.30	☐ ft ☒ m	Sp. Conductance (umho/cm) 69			
Latitude 30.541661	☒ dd ☐ dms	Longitude 82.733559	☒ dd ☐ dms	Salinity (ppt) 0.03	Comments Very low water level, Very little flow				
Location Suwannee River @ turner Port Ramp		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/14/16 Time 1110		☒ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s) C	
Field ID turner NF		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.8/73.79	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORET # 21020152		Temp (C) 31.46	pH 4.63	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 54			
Latitude 30.524458	☒ dd ☐ dms	Longitude 82.727953	☒ dd ☐ dms	Salinity (ppt) 0.02	Comments				

Relinquished By: Nicole Frederick	Date/Time 6/14/16; 1600	Shipping Method FEDEX	Number of Coolers Shipped: 2	Received By: ASB	Date/Time 6-15-16/10:15
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	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	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: B	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
	W-ICP						
	W-ICPMS						

Group: B	Bottle Type:	P-500ML	# of Bottles: 4	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>4</u>
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					

Group: B	Bottle Type:	P-125ML	# of Bottles: 4	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>4</u>
	W-PO4-F					

Group: B	Bottle Type:	P-500ML	# of Bottles: 4	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>4</u>
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					

Group: B	Bottle Type:	P-125ML	# of Bottles: 4	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>4</u>
	W-PO4-F					

Suwannee 4

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last revised Apr 7, 2016

Customer: NE-DIST

Requester: Nicole Frederick

Field Report Prepared By:

N. Frederick

Project ID: SMP

Collected By:

N. Frederick / A. Kalmbacher

Sampling Agency:

NE ROC

Location <u>Suwannee River @ Turner Bridge</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>6/14/16</u> Time <u>1110</u>		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)	
STORET #		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments				
Location <u>Jerry Br. @ SE CR 25A</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>6/14/16</u> Time <u>1240</u>		Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>1.69/21.6%</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<u>A</u>
STORET # <u>21020136</u>		Temp (C) <u>25.9</u>	pH <u>6.56</u>	Sample Depth <u>0.05</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>89</u>	
Latitude <u>30.372472</u> ☐ dd ☐ dms	Longitude <u>82.864250</u> ☐ dd ☐ dms	Salinity (ppt) <u>0.04</u>	Comments <u>Very low water, little flow</u>				
Location <u>Duplicate in field</u>		☐ Comp ☐ Grab	Collection (comp begin or grab) Date <u>6/14/16</u> Time <u>1335</u>		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)	<u>C</u>
STORET # <u>21010020</u>		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments <u>Duplicate done @ Suwannee @ Cone Bridge</u>				
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)	
STORET #		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments				

Relinquished By <u>Nicole</u>	Date/Time <u>6/14/16; 1600</u>	Shipping Method <u>FEDEX</u>	Number of Coolers Shipped: <u>(2)</u>	Received By: <u>AS</u>	Date/Time <u>6-15-16/10:15</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	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	<u>2</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
	CHLSUITE-W						
Group: B	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	<u>4</u>
	W-ICP						
	W-ICPMS						

Date of Request: 04-MAY-2016
 Created By: FREDERIC_N On: 04-MAY-2016
 Modified By: MATTHEWS_D On: 23-MAY-2016
 Customer: NE-DIST
 Project: SMP
 Division:
 District: Northeast District
 Sampling Event: Suwannee 4

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way
 Suite 100
 Jacksonville, FL 32256
 Attn: Nicole Frederick

Send Final Report To:

8800 Baymeadows Way
 Suite 100
 Jacksonville, FL 32256
 Attn: Nicole Frederick

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 20-MAY-2016
 Biology Request Reviewed By: MATTHEWS_D On: 23-MAY-2016
 Sampling Kit Required: YES Ship on: 03-JUN-2016
 Sampling Kit Shipped: YES On: 01-JUN-2016
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 13-JUN-2016
 Received By: SHAIK_A On: 15-JUN-2016

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

Comments: NE ROC

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

Bottle Type: P-1L	Number of Bottles: 4	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)		

Bottle Group B (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	Preserved With: ICE
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-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
Bottle Type: BP-1L	Number of Bottles: 4	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 4	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
Calcium		
Chromium		
Iron		
Magnesium		
Nickel		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template:	(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		
Silver		
Bottle Type: P-500ML	Number of Bottles: 4	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: 4	Preserved With: ICE-FLTR
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

RQ- 2016-06-13-09

Log-in Checklist

Shipping Method: Fed ExDate/Time of Receipt: 06-15-16 11:15

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	0-5C	14		✓			
Red	2-2C	14		✓			

*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 ☐

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 (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-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R					

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

****Acid Preserved Samples:** pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: ABP

****W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?** Yes ☐ No ☒ NA ☐ Init: ABP

Coolers Unpacked/Checked by: ABP Date: 6-15-16 NCRs (Y/N)? ☒

Event ID: Suwannee 4 NCR #

NE-DIST-2016-06-15-01 (SMP)

Date Received: 15-JUN-2016 10:15

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

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_____ No_____

If 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: _____

Additional Comments:

Ex Express Package **US Airbill** FedEx Tracking Number 8099 4719 8997
n 6-14-2016
ler's A. Kalmbacher Phone 904 256 1700
any 8800 Bay Meadows Way W STE 100
PDEP / NE ROC
SS Jacksonville State FL ZIP 32256
Internal Billing Reference

ient's SAMPLE RECEIVING Phone 850 245-8085
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD
not deliver to PO boxes or PO ZIP codes
Dept./Floor/Suite/Room
SS
line for the HOLD location address or for continuation of your shipping address
TALLAHASSEE State FL ZIP 32399
0122645602

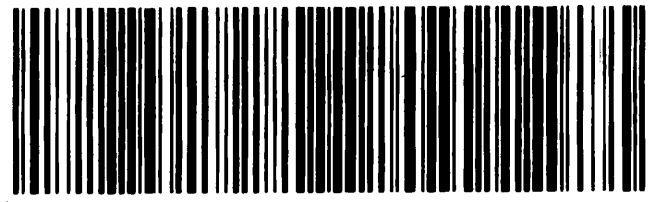


8099 4719 8997

UNITED STATES US BILL RECIPIENT
TO SAMPLE RECEIVING
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD
TALLAHASSEE FL 32399
(850) 245-8085 REF: DEPT:
FedEx Express
E

TRK# 8099 4719 8997
0215
WED - 15 JUN 10:30A
PRIORITY OVERNIGHT
AHS
32399
FL - US TLH

36 TLHA



Ex Express Package **US Airbill** FedEx Tracking Number 8099 4719 8986
n 6-14-2016
ler's A. Kalmbacher Phone 904 256-1700
any FDEP / NE ROC
8800 Bay Meadows Way W STE 100
SS Jacksonville State FL ZIP 32256
Internal Billing Reference

ient's SAMPLE RECEIVING Phone 850 245-8085
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD
not deliver to PO boxes or PO ZIP codes
Dept./Floor/Suite/Room
SS
line for the HOLD location address or for continuation of your shipping address
TALLAHASSEE State FL ZIP 32399
0122645602



8099 4719 8986

UNITED STATES US BILL RECIPIENT
TO SAMPLE RECEIVING
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD
TALLAHASSEE FL 32399
(850) 245-8086 REF: DEPT:
FedEx Express
E

TRK# 8099 4719 8986
0215
WED - 15 JUN 10:30A
PRIORITY OVERNIGHT
AHS
32399
FL - US TLH

36 TLHA

