

RO: 20180422-70

Log-in Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound | FedEx

Date/Time of Receipt: 4-20-18/10:15

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	Yes	No		
Blue	0.8	15		✓			
Blue	2.3	8		✓			

*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 4-20-18

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-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: SR

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

Coolers Unpacked/Checked by: SR Date: 4-20-18

NCRs (Y/N)? N

Event ID: SO-DIST-2018-04-20-01

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_02_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10-30-18
pH Paper 0 – 13 Lot #	222516 EXP:8-15-19
Chlorine Test Strips Lot #	091417V EXP:09/21

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 _____ 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: _____

Central Laboratory Submittal Form

Customer: SO-DIST

Requester: Maryann Dugan

Field Report Prepared By: Maryann Dugan

Project ID: SMP

Collected By: Maryann Dugan, Nicole ReistadSampling Agency: S ROC

Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>04/19/2018</u> Time <u>1030</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID	Location	<u>G1SD0065</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>0.4</u> ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>0.4</u>		<u>B</u>	
WIN/STORET #		<u>8065-ENRE 6 @</u>	Temp (C) <u>24.4</u>	pH <u>8.0</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>55298</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>04/19/2018</u> Time <u>1110</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	Location	<u>G1SD0068</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>5.9</u> ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>-</u>		<u>A</u>	
WIN/STORET #		<u>Rookery Bay-Site 2</u>	Temp (C) <u>24.9</u>	pH <u>8.1</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>55277</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Location	Field ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>04/19/2018</u> Time <u>1115</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	Rookery Bay-Site 2	<u>G1SD0068_DUP</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>6.3</u> ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>-</u>		<u>A</u>	
WIN/STORET #	WIN ID	<u>G1SD0068</u>	Temp (C) <u>25.2</u>	pH <u>8.0</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>54329</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments <u>G1SD0068 Duplicate</u>			
Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>04/19/2018</u> Time <u>1210</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	Location	<u>G1SD0067</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>6.3</u> ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>-</u>		<u>A</u>	
WIN/STORET #		<u>Rookery Bay-Site 1</u>	Temp (C) <u>25.2</u>	pH <u>8.2</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>54329</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By: <u>Maryann Dugan</u>	Date/Time <u>04/19/2018; 1523</u>	Shipping Method <u>FEDEX</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>SR</u>	Date/Time <u>4-20-18/10:15</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	ALKALINITY						
	TURBIDITY						
	W-F						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>6</u>
	SD-SND-ENT						
	SD-SND-FC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	<u>3</u>
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>3</u>
	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	<u>3</u>
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	ALKALINITY						
	TURBIDITY						
	W-F						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	CHLSUITE-W						
Group: B	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						

Central Laboratory Submittal Form

Customer: SO-DIST

Requester: Maryann Dugan

Field Report Prepared By: Maryann Dugan

Project ID: SMP

Collected By: Maryann Dugan, NICOLE REISTAD

Sampling Agency: S ROC

Location	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 04/19/2018 Time 1235	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID	Location	G1SD0066		Matrix (type, e.g., Salt, Fresh, etc) SALT	Diss. Oxygen 7.4 mg/L ☐ % sat	Total Res. Chlorine (mg/L)		B
WIN/STORET #		8063-ENRE 2 @ 		Temp (C) 25.7	pH 8.3	Sample Depth 0.3 m	Sp. Conductance (umho/cm) 54082	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Location			☐ Comp ☐ Grab	Collection (comp begin or grab) Date	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	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	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	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: Maryann Dugan	Date/Time 04/19/2018, 1523	Shipping Method FEDEX	Number of Coolers Shipped: 2	Received By: SR	Date/Time 4/20/18/10:15
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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-120ML-WC-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SD-SND-ENT SD-SND-FC					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP W-ICPMS					
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-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-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					

Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>2</u>
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W-TOC

Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
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W-PO4-F

Date of Request: 20-MAR-2018
 Created By: DUGAN_M On: 20-MAR-2018
 Modified By: SWANSON_C On: 22-MAR-2018
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: GOM : 8065, 8063, 3278U x 2

Send Coolers To:

Phone: 239-344-5610
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Maryann Dugan

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 21-MAR-2018
 Biology Request Reviewed By: SWANSON_C On: 22-MAR-2018
 Sampling Kit Required: YES Ship on: 26-MAR-2018
 Sampling Kit Shipped: YES On: 26-MAR-2018
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: YES
 Date to Receive Samples: 02-APR-2018
 Received By:

Send Final Report To:

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

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

Comments: Group A: Marine Kit With Metals (Kit D) (2 kits + 1 Duplicate), Entero/Fecal x 3
 Group B: Marine Kit, No Metals (Kit B) x 2
 1 - case of sulfuric acid
 1 - case of nitric acid

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
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:	Number of Bottles: 6	Preserved With: ICE
SD-SND-ENT	Template: DEFAULT	(Enterolert/QT) Enterococci by MPN method by Sanders Laboratories Overflow Laboratory for SD
SD-SND-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method by Sanders Laboratories Overflow Laboratory for SD
Bottle Type: P-500ML	Number of Bottles: 3	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		

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: HNO3
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

Silver

Bottle Type: P-500ML	Number of Bottles: 3	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: 3	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 2 Samples:

Bottle Type: P-125ML	Number of Bottles: 2	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-1L	Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/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
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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-500ML	Number of Bottles: 2	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

Do Not Lift Using This Tag

ORIGIN ID: FMYA (239) 344-5610
MARYANN DUGAN
2295 VICTORIA AVE SUITE 364
FORT MYERS, FL 33901
UNITED STATES US

SHIP DATE: 26MAR18
ACTWGT: 20.00 LB
CAD: 100182098/NET3980

TO **AMZAD SHAIK**
FL DEP
FL DEP CHEMISTRY SECTION
2600 BLAIR STONE RD
TALLAHASSEE FL 32399

(850) 245-8065

REF:

INV:

PO:

DEPT:

RMA:



FedEx
Express



5521107F5DCAS

RETURNS MON-FRI
PRIORITY OVERNIGHT

TRK#
0221 7907 9750 2290

32399

FL-US



111 # 156297-435 RRDB EXP 01/19

Do Not Lift Using This Tag



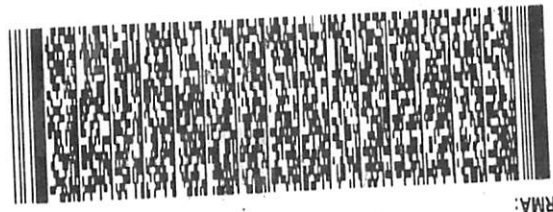
Part # 156297-435 RPDG EXP 01/19

FL-US

32399

RETURNS MON-FRI
PRIORITY OVERNIGHT

TRK# 7907 9750 2304



RMA:

TO AMZAD SHAIK
FL DEP
FL DEP CHEMISTRY SECTION
2600 BLAIR STONE RD
TALLAHASSEE FL 32399
REF: (850) 245-8085
INM:
PO:

2295 VICTORIA AVE SUITE 364
FORT MYERS, FL 33901
UNITED STATES US

ORIGIN: D-F-MYA
MARYANN DUGAN
(239) 344-5610

SHIP DATE: 26MART18
ACTWGT: 20.00 LB
CAD: 100182098/NET3980

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