



## CERTIFICATE OF CARBON AUDIT

**Dependable Hawaiian Express**

**Year 2017 Audit**  
Audit Period: Jan 1 - Dec 31, 2016

Audit Date: May-17

Renewal Date: May-18

COMBINED AUDIT RESULTS:	Metric Tons of Carbon Emissions			Grams of Carbon/Total Mile			GreenWay Miles	
	Fleet	Facility	Total	Fleet	Facility	Total	Grams of Carbon/Mile	
LA	184.0	299.1	483.1	328.6	534.0	862.6	LA	1,156.6
Honolulu	578.2	201.0	779.2	1,512.5	525.8	2,038.4	Honolulu	2,153.5
Kona	558.2	35.8	594.0	2,040.4	130.9	2,171.3	Kona	2,360.0
Maui	467.6	37.2	504.8	1,742.6	138.6	1,881.3	Maui	2,475.3
Guam	<u>140.3</u>	<u>10.9</u>	<u>151.2</u>	<u>1,713.6</u>	<u>133.1</u>	<u>1,846.7</u>	Guam	2,054.0
<b>TOTAL COMPANY:</b>	<b>1,928.3</b>	<b>584.0</b>	<b>2,512.3</b>	<b>1,467.6</b>	<b>292.5</b>	<b>1,760.0</b>	<b>Total Company</b>	<b>1,919.6</b>
	76.8%	23.2%	100.0%	Avg	Avg	Avg		

GreenWay Miles Grams of Carbon/Mile calculation is based on Loaded Miles. This is the calculation shippers should use to calculate carbon emissions based on Tendered Miles.



### FLEET CARBON AUDIT - Fleet audit provided by CostDown Consulting

CALCULATED EMISSIONS: METRIC TONS CO2	SCOPE 1						FLEET Total Tons CO2 Emissions	Fleet Audit Comments
	Reported Total Miles	Reported Empty Miles	Calculated Loaded Miles	Reported Fuel Gallons	Calculated MPG	Tons Shipped (LTL Only)		
<b>FLEETS:</b>								Maui Fuel gallons include 5,273 biodiesel gallons
LA	560,116	142,413	417,703	93,337	6.00	431,555	184.0	
Honolulu	382,266	20,445	361,821	56,965	6.71	108,018	578.2	
Kona	273,577	21,874	251,703	54,997	4.97	95,270	558.2	
Maui	268,319	64,396	203,923	50,623	5.30	64,396	467.6	
Guam	<u>81,870</u>	<u>8,260</u>	<u>73,610</u>	<u>13,822</u>	<u>5.92</u>	<u>4,062</u>	<u>140.3</u>	
<b>TOTALS</b>	<b>1,566,148</b>	<b>257,388</b>	<b>1,308,760</b>	<b>269,744</b>	<b>5.81</b>	<b>703,301</b>	<b>1928.3</b>	



### FACILITY CARBON AUDIT - Facility audit provided by Carbon Clear

CALCULATED EMISSIONS: METRIC TONS CO2	SCOPE 1					SCOPE 2 Electricity Emissions	FACILITY Total Tons CO2 Emissions	Facility Audit Comments
	Refrigerant Emissions	Natural Gas Emissions	Fuel Oil Emissions	Propane Emissions	Service Vehicles Vehicle Emissions			
<b>FACILITIES:</b>								1. Honolulu now has access to accurate electricity data. This accounts for the decrease in kWh consumed this year relative to previous years. 2. Maui and Guam uses solar panels, avoiding kWh from the grid. 3. Overall, facility emissions are down by 45% as compared to the initial 2011 audit.
LA	0.0	3.3	0.0	0.0	122.1	173.7	299.1	
Honolulu	0.0	0.0	0.0	0.0	63.0	138.0	201.0	
Kona	0.0	0.0	0.0	0.0	15.3	20.5	35.8	
Maui	0.0	0.0	0.0	0.0	37.2	0.0	37.2	
Guam	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>10.9</u>	<u>0.0</u>	<u>10.9</u>	
<b>TOTALS</b>	<b>0.0</b>	<b>3.3</b>	<b>0.0</b>	<b>0.0</b>	<b>248.5</b>	<b>332.2</b>	<b>584.0</b>	
	0.0%	0.6%	0.0%	0.0%	42.6%	56.9%		

FACILITY EMISSIONS: REPORTED CONSUMPTIONS	SCOPE 1					SCOPE 2 Electricity Kilowatts
	Refrigerant Pounds	Natural Gas Therms	Fuel Oil Gallons	Propane Gallons	Service Vehicles Gallons	
<b>FACILITIES:</b>						
LA	0	624	0	0	21,347	586,646
Honolulu	0	0	0	0	10,466	192,000
Kona	0	0	0	0	2,349	37,560
Maui	0	0	0	0	5,823	0
Guam	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,709</u>	<u>0</u>
<b>TOTALS</b>	<b>0</b>	<b>624</b>	<b>0</b>	<b>0</b>	<b>41,694</b>	<b>816,206</b>

All GreenWay Miles Carbon Audits comply with Greenhouse Gas Protocol and are conducted annually to provide member companies the ability to monitor emission performance trends. GreenWay Miles, through its partner Carbon Clear, also provides high quality Carbon Offsets for Shippers or Carriers wishing to ship Carbon Neutral.