



# CERTIFICATE OF CARBON AUDIT

Dependable Hawaiian Express

**Year 2018 Audit**  
Audit Period: Jan 1 - Dec 31, 2017

Audit Date: May-18  
Renewal Date: May-19

COMBINED AUDIT RESULTS:	Metric Tons of Carbon Emissions			Grams of Carbon/Total Mile		
	Fleet	Facility	Total	Fleet	Facility	Total
LA	184.0	157.2	341.2	359.3	306.9	666.2
Honolulu	578.2	63.6	641.8	1,668.5	183.5	1,852.1
Kona	558.2	38.1	596.3	1,952.4	133.3	2,085.7
Maui	467.6	27.9	495.5	1,390.7	83.0	1,473.7
Guam	<u>140.3</u>	<u>9.1</u>	<u>149.4</u>	<u>1,524.6</u>	<u>98.9</u>	<u>1,623.5</u>
<b>TOTAL COMPANY:</b>	<b>1,928.3</b>	<b>295.9</b>	<b>2,224.2</b>	<b>1,379.1</b>	<b>161.1</b>	<b>1,540.2</b>
	86.7%	13.3%	100.0%	Avg	Avg	Avg

GreenWay Miles	
Grams of Carbon/Mile	
LA	951.8
Honolulu	2,043.6
Kona	2,267.0
Maui	1,838.3
Guam	1,793.4
<b>Total Company</b>	<b>1,726.3</b>

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	Reported	Calculated	Reported	Calculated		
	Total Miles	Empty Miles	Loaded Miles	Fuel Gallons	Miles / Gallon		
<b>FLEETS:</b>							
LA	512,171	153,651	358,520	74,155	6.91	184.0	Maui Fuel gallons include 5,273 biodiesel gallons
Honolulu	346,532	32,487	314,045	45,194	7.67	578.2	
Kona	285,913	22,873	263,040	57,182	5.00	558.2	
Maui	336,219	66,689	269,530	63,674	5.28	467.6	
Guam	<u>92,017</u>	<u>8,716</u>	<u>83,301</u>	<u>14,855</u>	<u>6.19</u>	<u>140.3</u>	
<b>TOTALS</b>	<b>1,572,852</b>	<b>284,416</b>	<b>1,288,436</b>	<b>255,060</b>	<b>6.17</b>	<b>1928.3</b>	

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

CALCULATED EMISSIONS: METRIC TONS CO2	SCOPE 1					SCOPE 2	FACILITY Total Tons CO2 Emissions	Facility Audit Comments
	Refrigerant	Natural Gas	Fuel Oil	Propane	Service	Electricity		
	Emissions	Emissions	Emissions	Emissions	Vehicles	Emissions		
<b>FACILITIES:</b>								
LA	0.0	4.4	0.0	0.0	108.3	44.5	157.2	1. LA installed solar panels in early 2017, which accounts for their significant decrease in electricity use relative to previous years. 2. Honolulu now has access to accurate electricity data. This accounts for the decrease in kWh consumed this year relative to previous years. 3. Maui and Guam uses solar panels, avoiding kWh from the grid. 4. Overall, facility emissions are down by 78% as compared to the initial 2011 audit.
Honolulu	0.0	0.0	0.0	0.0	59.6	4.0	63.6	
Kona	0.0	0.0	0.0	0.0	18.2	19.9	38.1	
Maui	0.0	0.0	0.0	0.0	27.9	0.0	27.9	
Guam	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>9.1</u>	<u>0.0</u>	<u>9.1</u>	
<b>TOTALS</b>	<b>0.0</b>	<b>4.4</b>	<b>0.0</b>	<b>0.0</b>	<b>223.1</b>	<b>68.4</b>	<b>295.9</b>	
	0.0%	1.5%	0.0%	0.0%	75.4%	23.1%		

FACILITY EMISSIONS: REPORTED CONSUMPTIONS	SCOPE 1					SCOPE 2
	Refrigerant	Natural Gas	Fuel Oil	Propane	Service Vehicles	Electricity
	Pounds	Therms	Gallons	Gallons	Gallons	Kilowatts
<b>FACILITIES:</b>						
LA	0	834	0	0	18,940	185,162
Honolulu	0	0	0	0	9,962	5,212
Kona	0	0	0	0	2,890	37,920
Maui	0	0	0	0	4,418	0
Guam	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,395</u>	<u>0</u>
<b>TOTALS</b>	<b>0</b>	<b>834</b>	<b>0</b>	<b>0</b>	<b>37,605</b>	<b>228,294</b>

GreenWay Miles audits comply with Greenhouse Gas Protocol & are conducted annually to provide companies the ability to monitor emission performance trends.