



March 4th, 2022

Niagara can certify all Essentia Water Packaging as Carbon Neutral through Natural Capital Partners

Projection for 2022: 116,449 MTCO₂e



Production Sites	Scope 1	Scope 2	Scope 3	Total
DA2/HAM/RIA /CAR/KNC	855	8,826	106,768	116,449

All values in MTCO₂e

Scope 1: includes Essentia’s portion of Natural Gas and Propane

Scope 2: includes Essentia’s portion of Electricity; DA2 100% renewable

Scope 3: includes GHG from raw material used to make Essentia’s bottles and boxes; Transportation of Essentia product from Niagara to Distribution Center to Retailer; Waste associated with production of packaging

* Estimates introduction of rPET in April 2022

Note: Carbon Neutral Cost calculated using 2022 sales projections and anticipated growth in each life-cycle category.

Period	LCA Costs	LCA Verification Costs	Off-set Costs	Total Cost
Year 1	Free	\$5,500	\$832,705	\$838,205

Scope 1	Scope 2	Scope 3
Carbon Offset	Carbon Offsets	Carbon Offsets
MTCO ₂ e	MTCO ₂ e	MTCO ₂ e
\$7.15	\$7.15	\$7.15
Natural Gas, Propane, Refrigerants, Stationary Fuel	Grid Electricity	Raw Materials, Transport, Waste
Usage data from bills, replenishment data	Usage data from Bills	Life Cycle Analysis, Calculations of gallons consumed in transportation, EPA WARM Model

GHG Calculations and Strategies

Carbon Neutral

Scope 1	Scope 2	Scope 3
Electrification of Forklifts	On-site Renewable Energy	Lightweight bottles and closures
Electrification of Natural Gas Equipment	Off-site Renewable Energy	Use rPET/rHDPE
Switch to Biogas		Reduce Length of Hauls/ Electrify Fleet