Commited to Clean® Initiative

Bradford is committed to creating and manufacturing innovative personal care products that contain little or no water made from clean ingredients. Our goal is to reduce single-use plastic waste, promote sustainable sourcing, and empower local and global communities through access to hygiene products.
We Maintain a Comprehensive Approach to Responsible Product, Packaging, Supply Chain, Energy, Waste, and Emissions Manufacturing
2021 Corporate Progress

How did we do all of this? We switched to energy-efficient LED lights and replaced outdated windows and equipment.

- Decrease of 6% CO2 emissions as production has increased by 67.7%
- In 2021, 19.8% of all of Bradford’s electricity was obtained from renewable energy sources. Source: EPA eGrid Power Profiler
- How did we do all of this? We switched to energy-efficient LED lights and replaced outdated windows and equipment.

**SCOPE 1 + 2**

**EMISSIONS RELATIVE TO POUNDS PRODUCED**

<table>
<thead>
<tr>
<th>Year</th>
<th>% of CO2 Emitted / Pound Produced</th>
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<tbody>
<tr>
<td>2016</td>
<td>0.03</td>
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<tr>
<td>2021</td>
<td>0.015</td>
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In 2021, 19.4% of all waste produced at Bradford’s West Warwick, Rhode Island headquarters was recycled

72% increase in total recycled waste since 2016

RECYCLING TOTALS
FIBER, CARDBOARD, AND PALLETS

Year
Total Weight (Tons)
Water Risk Initiatives

Using less water in our products reduces packaging, minimizes product carbon footprint, and uses fewer preservatives. It also conserves water, our greatest natural resource. Bradford is committed to manufacturing products that contain little to no water.

By 2030, 3.9 billion people will live in water-stressed areas

*Products that are predominantly water are increasingly frowned upon*
Bar Soap

Bradford’s Bar Soap is 12-14% Water

Avg. Bar Soap: 3-8 oz.

Reduced Weight and Packaging = Reduced Carbon Footprint

Body Wash

Typical Body Wash is 80-90% Water

Body Wash Requires Use of Preservatives or Parabens

Bar Soap Does Not
Shampoo Bars

Bradford’s Shampoo Bars are
6-8% Water

Avg. Shampoo Bar: 3-5 oz.
Avg. Liquid Shampoo: 8-16 fl oz.

Reduced Weight and Packaging
= Reduced Carbon Footprint

Liquid Shampoo

Typical Liquid Shampoo is
80-90% Water

555 Million Shampoo Bottles end up in Landfills Annually

Only 9% of Plastic is Recycled Across the Globe
160,000 soap bars contain about 675 gallons of water while an equivalent amount of liquid body wash would contain 4,000 to 4,500 gallons of water.

An equivalent number of shampoo bars contains 280 gallons of water while a corresponding amount of liquid shampoo would contain 4,000 to 4,500 gallons of water.
Over the years, Bradford moved toward zero waste manufacturing by donating all soap scraps to worldwide health and hygiene initiatives through World Vision and Eco-Soap Bank. In 2021, Bradford donated over 300 tons of soap scraps (roughly equivalent to 3 million bars).
Our donations have directly helped some of the world’s most vulnerable communities, including Somalia, Zambia, Burundi, and Cambodia, where the women reform the soap into bars. The soap provides access to hygiene products, additional income, women’s empowerment, decreases lines at health clinics, and helps prevent COVID-19 transmission.
Clean Ingredients

We strive to use clean ingredients with Environmental Working Group (EWG) ratings of 3 or less, and limited added preservatives.

The mission behind maintaining low EWG ratings is to protect people and the environment through the use of safe ingredients.
CLEAN INGREDIENT LISTS. SUSTAINABLE PACKAGING.

No Parabens  Vegan  Less Packaging  No Aluminum  Made with Less Water  No Sulfates  Safe Ingredients  No Animal Testing
Sustainable Sourcing

Through our work with the Rainforest Alliance (RA) and the Global Shea Alliance (GSA), we not only source traceable shea butter and palm oil, but we also promote women’s empowerment, and education and medical programs in remote communities.
The Global Shea Alliance (GSA) designs, develops, and delivers strategies that drive a globally competitive and sustainable shea industry. In 2019, we traveled to Ghana to visit the communities that process our shea butter using a traditional hand-crafted method. Our commitment to sourcing from the Global Shea Alliance and these villages not only provides additional income for the families, but it also helps to empower the women who are central to the process.

Since 2017 our use of certified GSA shea butter has increased by 28.6%.
We are committed to providing Segregated Rainforest Alliance Palm Oil, the highest level of RA certification. We can trace the palm oil from the exact plantation directly to our manufacturing facility in West Warwick, RI.

Since 2016, our use of certified palm oil has increased by 55.8%

Certified palm oil represented 56% of Bradford’s total palm oil purchased in 2021
The family-owned plantation has invested in the local rural community by building a school and a state-of-the-art medical clinic. Their work was recently recognized by the World Economic Forum in 2021 for Excellence in Social Responsibility.

Our Partnership Plantation not only Provides Sustainably-Sourced Palm Oil, but it also Built and Continues to Fund the Local School.

The Plantation Funds a Medical Clinic Staffed by Residents from the University of Colorado. The Result is State-of-the-Art Medical Care for Residents of a Remote Community in Guatemala.
Packaging

Bradford is committed to recycling, reducing packaging waste, and sourcing more environmentally friendly alternatives to conventional packaging.

Our Promise

Recycle pallets used throughout operations
Recycle all unusable corrugated cardboard and wood

In Action

40.3% of our product packaging used is post-consumer recycled (PCR)
76.7% of paper, paper board, and corrugated products purchased are either FSC or SFI certified
Traditionally, paper wraps could not be single-stream recycled because of the glue. In 2018, we worked with a packaging supplier to develop a water-soluble glue. We then completed all testing and it is now being used in production.
Giving Back

Some of Bradford’s most important work is right here at home through Amenity Aid. Amenity Aid works tirelessly to eliminate hygiene poverty in Rhode Island. Since 2015, Bradford has been proud to support its efforts with bar soap donations that are now distributed to over 50 local organizations.
Access to hygiene products is a fundamental right and a human need. Amenity Aid serves Rhode Island residents of all ages and backgrounds. Toiletry necessities are distributed through our network of agencies, schools, and community groups that serve our most vulnerable populations. Amenity Aid is a collaborative organization that creates solid and long-lasting partnerships with community leaders and organizations who understand the unique and specific needs of the people they serve.

In response to the pandemic, we expanded our distribution of lifesaving soap to other Rhode Island-based organizations. Thanks to Bradford Soap Works, countless Rhode Islanders are provided bar soap for essential hygiene habits to prevent the spread of harmful bacteria and viruses.