
JAMESTOWN PLASTICS, INC.
SUSTAINABILITY REPORT

2022

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ENVIRONMENTAL POLICY

Jamestown Plastics recognizes that reducing our environmental impact is both good for the planet and good for business. Our company is committed to designing world-class products with our customers' requirements and the environmental impacts of those products in mind.

Core Sustainability Values

Our core sustainability values guide our efforts to reduce the environmental impacts of our business and our customers' businesses.

1. Product Innovation: We work diligently to design and engineer the most efficient product for our customers' needs with end-of-life impacts in mind and are committed to sourcing materials that have post-industrial and post-consumer recycled content whenever possible and applicable.
2. Resource Conservation: We are committed to lessening the environmental impacts of our facilities through the responsible and efficient use of resources, thereby reducing our greenhouse gas emissions and other impacts.
3. Waste Reduction: We recycle as much of our production waste as possible and are committed to finding alternative end of life solutions for the materials that we cannot recycle.

This policy is communicated to our staff and customers. To ensure that we remain accountable for delivering consistent progress toward these values, we will publish an annual Sustainability Report to our website that details our efforts, successes, and areas upon which to improve.

OUR PRINCIPLES OF SUSTAINABILITY

Jamestown Plastics is committed to designing world-class packaging and products with the environment in mind. Our core sustainability values guide our efforts to reduce the environmental impacts of our business and our customers' businesses.

PRODUCT INNOVATION

We work diligently to design and engineer the most efficient product for our customers' needs. We are also committed to sourcing materials that have post-industrial and post-consumer recycled content to lower the environmental footprint of the raw materials that we use.

RESOURCE CONSERVATION

In addition to reducing the impacts of the materials that we use, we are committed to lessening the environmental impacts of our facilities through the responsible use of natural resources.

WASTE REDUCTION

For years we have been regrinding and recycling the scrap material from our production processes. Moving forward, we are looking for new ways to further reduce the amount of non-recyclable waste that we produce.

REVIEW OF 2022 ACTIONS

Initial Greenhouse Gas Inventory

Baseline assessments of our Scope 1 and Scope 2 greenhouse gas emissions were conducted, allowing us to assess the success of future initiatives to curb our emissions.

Measurement of Waste Material

In 2022, we began weighing and tracking the amount of material that we are unable to recycle. Moving forward, we will use these baseline measurements to determine the effectiveness of our waste reduction strategies. We are still in the process of determining alternative end-of-life options for non-recyclable materials such as PVDC coated materials and film laminated ABS.

Energy Study

With the assistance of the New York State Energy Research & Development Authority (NYSERDA) and their Flexible Technical Assistance (FlexTech) Program, our New York manufacturing facility had an energy study completed at the end of 2022 to determine where opportunities lie for improvements to our energy resource uses. The results of this study will guide our efforts to reduce the carbon impact our operations.

We also had a predominant use study completed at our Texas manufacturing facility in 2022, and plan to have an energy study completed in 2023 to determine opportunities for improvement specific to that location.

MEASURING PROGRESS

We are still in the early stages of reducing the carbon impact of our operations and products, and measuring our successes that coincide with those actions.

In 2022, we used a greater amount of natural gas to fuel our operations than in 2021 (26.9% increase due to colder average temperatures for 2022 winter months in New York). We also saw greater emissions from refrigerants due to an undetected leak from our industrial chiller system that was swiftly repaired. In 2023, we are replacing that chiller system with a high efficiency unit that operates on R410A.

We did observe a decrease in our purchased electricity usage in 2022, which led to a decrease in our Scope 2 emissions in 2022.

Scope	Description	2021 vs. 2022
Scope 1: Stationary Combustion, Mobile Combustion and Fugitive Emissions from Air Conditioning	Data from natural gas, gasoline, and refrigerant usage at our manufacturing facilities in Brocton, NY and Brownsville, TX, as well as company-owned storage facilities.	2021: 149.87 tonnes CO2e 2022: 320.30 tonnes CO2e % increase: 113.72%
Scope 2: Purchased Electricity	Data from utility usage at our manufacturing facilities in Brocton, NY and Brownsville, TX, as well as company-owned storage facilities.	2021: 472.58 tonnes CO2e 2022: 378.60 tonnes CO2e % decrease: 19.89%

MOVING FORWARD

Our goal for the future is to reduce the environmental impact of our manufacturing operations through responsible use of resources and materials, and efforts to curb our waste output.

As we begin the new year, we have identified opportunities to support that mission.

01

Reducing Waste in our Clean Rooms

Beginning in 2023, we will have reusable PPE for our Clean Room employees that can be sanitized between uses.

02

Reducing energy use

Our maintenance teams will be identifying and fixing leaks in our air compressor systems and replacing expired lightbulbs with LED lighting.

03

Replacing inefficient heating equipment

As heating appliances come to the end of their useful life, we will be replacing those units with high efficiency models.

We recognize our responsibility to meet our customers' needs while protecting the environment. We will continue working toward reducing the carbon footprint of our operations in order to reduce the impact our business has on the world around us.

As the years progress, we are committed to optimizing our outputs while supporting the sustainability goals of our customers.

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