

JAMESTOWN PLASTICS™

FORMING FOR THE FUTURE

2023

SUSTAINABILITY REPORT



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INTRODUCTION

Jamestown Plastics began the journey toward understanding and reducing our environmental footprint in 2022 by compiling an initial greenhouse gas inventory, a SASB disclosure to identify further material issues in our operations, and completing our first EcoVadis assessment.

Since then, we have participated in energy studies at our facilities to identify opportunities for reductions in electricity and natural gas use, started tracking our landfilled waste output as well as our recyclable waste, and have taken steps to replace inefficient lighting and heating equipment as those units reach the end of their lifecycles in order to increase the efficiency of our daily operational load.

We recognize that there are still many ways for us to improve, and we look forward to continuing our journey toward a more sustainable future for our business in 2024 and beyond!



2023 PRIORITIES

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.

Our priority goals for 2023 were the following:

No. 01 – Reducing waste in our clean rooms

We recognized a need to reduce the amount of disposable PPE that was used in our clean room facilities and started working with a contractor to provide reusable cleanroom garments for our employees. This equipment is regularly cleaned and returned to our facility for reuse in order to provide a more circular option for maintaining high quality cleanliness standards in our facility.

No. 02 – Reducing energy use

Our maintenance teams continued to work toward identifying and mitigating leaks in our air compressor systems and replacing expired lightbulbs with LED lighting.

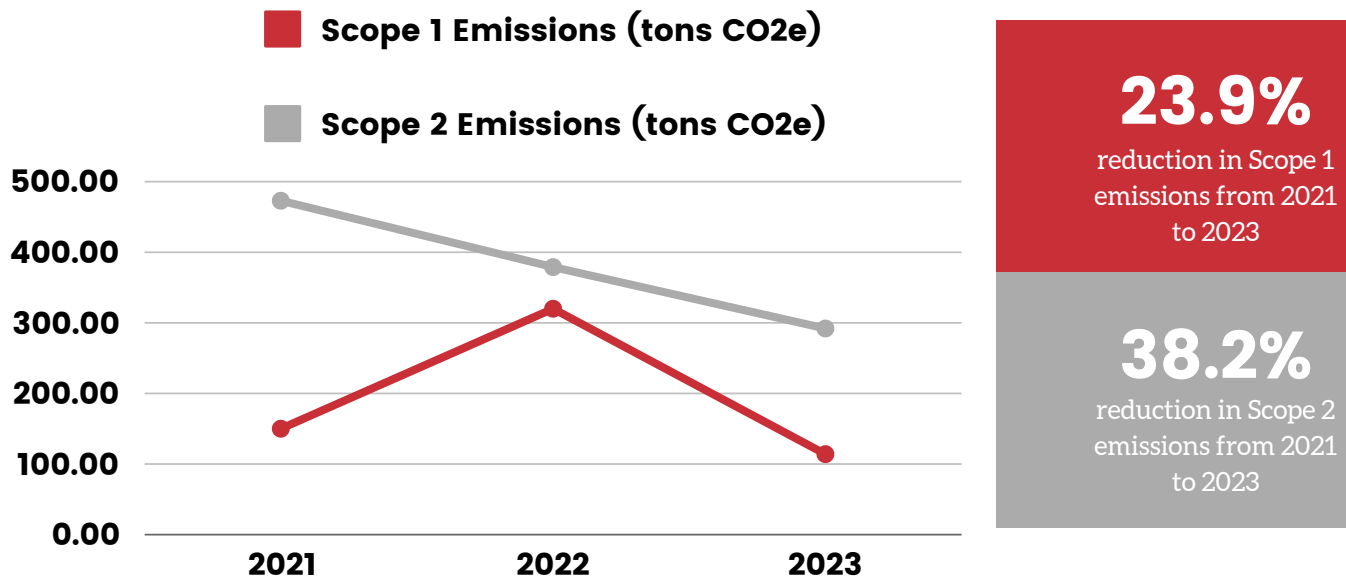
No. 03 – Replacing inefficient heating equipment

As aging heating appliances have come to the end of their useful life, we began replacing those units with high efficiency models. This work is continuing to roll out in 2024 as we replace hanging and rooftop forced air units.

PROGRESS IN 2023

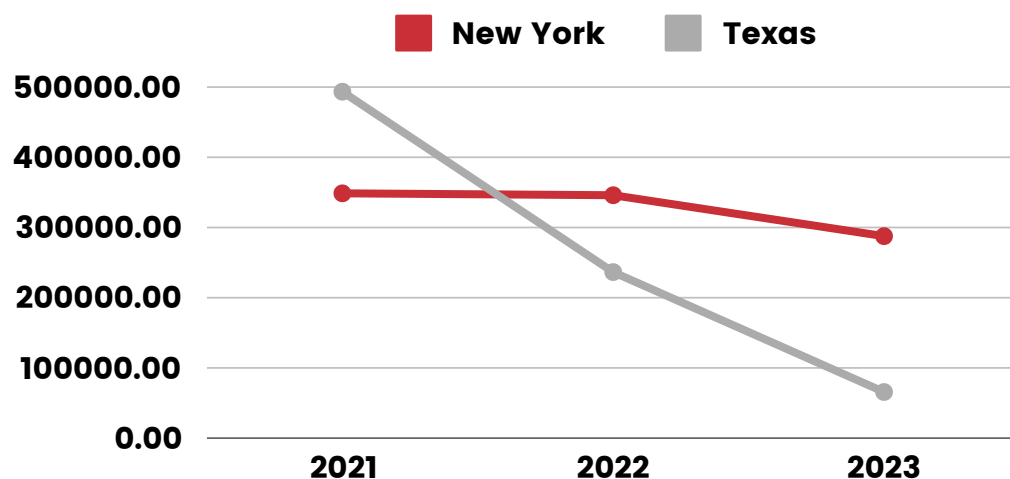
Our Scope 1 emissions in 2022 saw a sharp increase due to a rise in stationary combustion of natural gas and a spike in our refrigerant emissions due to a leak in our New York plant's industrial chiller system. In 2023, we replaced the industrial chiller system in New York and saw a dramatic reduction in our refrigerant fugitive emissions.

Company-wide CO2e Emissions, 2021 - 2023



The greatest contributing sources of emissions from our operations continue to be the stationary combustion of natural gas at our New York plant and the purchase and consumption of electricity at both plants. With the progress made installing more efficient lighting and heating equipment in our facilities, we have seen an overall decrease in our Scope 1 and Scope 2 emissions since 2021 and we anticipate further reductions in both scopes as we move forward with our 2024 equipment and lighting retrofit plans.

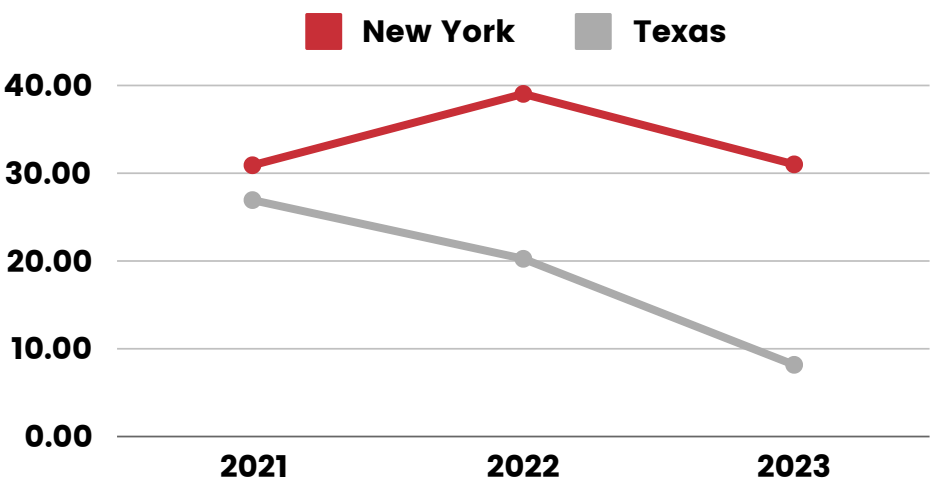
Total weight (lbs.) of recycled plastic waste, 2021-2023



One of our priorities in recent years has been the reduction of manufacturing waste that is sent to landfills. Our teams in New York and Texas track the weight of reground plastic materials, such as scraps and rejected parts that cannot be used to create further products, which are sent to a recycling facility to be reformed into plastic sheeting for future use. Since 2021, our New York and Texas plants have diverted 1,777,774 pounds of plastic waste from landfills by recycling scrapped materials. The total weight of recycled material can be impacted year-to-year by production levels and whether recyclable scrap material is held in storage until the market rates for recycling are aligned with our business objectives.

To further support this waste reduction goal, our teams have been challenged to design more efficient tools and parts for our products, while also pursuing lower part rejection rates in our production runs. As we build efficiencies in our tooling and production processes, our recycled scrap material rate as a percentage of purchased materials is expected to decrease, while recycled material rates as a percentage of total scrap waste is expected to increase. In 2023, we recycled 353,345 pounds of plastic waste, an impressive 81% of the total scrap waste recovered from our manufacturing processes!

Percentage of purchased materials sent for recycling 2021 - 2023



33.7%
average percentage of purchased materials that were recycled from NY facility production, '21-'23

18.5%
average percentage of purchased materials that were recycled from TX facility production, '21-'23

The effort to recycle our manufacturing waste is not without challenges, most notably the cost of freight to ship scrapped materials to recyclers and finding buyers for materials that are not widely recycled. In 2023, our Texas facility held a significant amount of reground plastic inventory as we waited for the cost of freight to fall, as demonstrated by the sharp decline in the total weight of recycled material and percentage of purchased materials recycled. As we find reasonable rates for shipping out the retained regrind inventory, it will be recycled in 2024. Our team is also working to identify new partnerships for recycling film laminated and coated materials, like ABS and PVDC, which are a key material class in our products but have limited recycling options in the current market.

2024 GOALS

As we enter our third year of work on improving the sustainability of our operations, we have the following goals for our business:

No. 01 – Continuing to update heating and cooling equipment

We are planning to install new, high efficiency forced air heating units, both hanging and rooftop, at our New York facility, which will be instrumental in further reducing our natural gas use. Some smaller heating units at the New York location will be replaced with comparably sized electric units. At our Texas plant, we are installing a new process chiller system which will help optimize our electricity use during manufacturing operations.

No. 02 – Seeking new outlets for laminated/coated materials

As part of our continued efforts to reduce the amount of waste generated in our facilities, we are working to identify alternative outlets for the scrap and trim materials that cannot be recycled by traditional methods, such as the film laminated ABS and PVDC materials used for some of our top products.

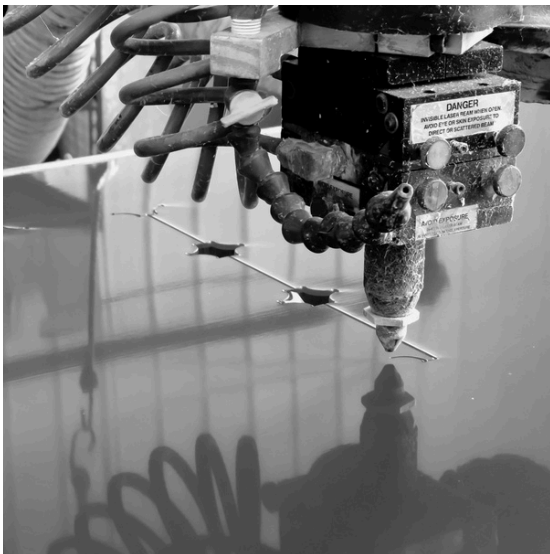
No. 03 – Tracking our operational footprint in PA

Jamestown Plastics acquired Tamarack Packaging in 2022, and we are tracking process emissions and waste output at this Pennsylvania manufacturing facility in order to begin reporting on these figures in 2024.

CONCLUSION

We recognize our responsibility to meet our customers' needs while simultaneously improving our efforts to optimize our resource and material use. As the years progress, and new regulations are introduced, we are committed to supporting the business and sustainability goals of our customers by ensuring that our products continue to meet the highest standard possible and our operational impact on the environment continues to decrease through emissions and waste reduction efforts.

As many public companies begin to experience calls for Scope 3 emissions disclosures, we are excited to partner with our clients to provide as much insight into our sustainability journey as possible in order to enable transparency throughout the supply chain.



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