



## **Our Environmental Responsibility**

Douglas Dynamics has goals of revenue growth and increasing Shareholder value. These goals can be attained in a responsible way while we continue to reduce our manufacturing environmental impact footprint. This leaner and greener program has allowed us to monitor our environmental impact to help us create projects that reduce our impact in energy consumption, waste and water consumption.

Read our [Environmental Health & Safety Vision](#) for more information.

Douglas Dynamics utilizes an extensive EH&S planning tool supporting all aspects of Environmental Health and Safety. Categories include: Facility information, Reporting/Record keeping, Health & Safety, Air Quality, Water Quality, Waste Management, Soil & Groundwater, Emergency Plan and Preparedness, Community, Facility Permits, Training, and Certification Statements. Our EHS Management Plan specifies the timing of such activities, the policies/regulations we comply with, data collected, targets set, ownership and the standard procedure utilized for consistent execution.

### **Energy Consumption**

Several projects were initiated in 2019 to impact the amount of energy we were using. Several of our facilities have changed the roof surface to reflective roofing to offset cooling costs. We have also worked closely with our local power and energy companies to partner on changing out our facilities from halogen to LED bulbs along with some sensor technology to minimize unnecessary electric consumption. As we build new facilities, we are assessing the usage of full smart sensor technology and utilization of more open and natural light workspaces.

View our [Environmental Data Sheet](#) for more information.

### **Waste Management**

We have also started to really assess our waste. We follow all local, State and Federal guidelines to manage our hazardous waste. We believe we can make the most impact in how we manage our additional waste. We have worked with Waste Management to assess our overall waste profile including waste to landfill, waste to energy and recycled waste.

We are working on developing a long-term plan to reduce the amount of waste that goes to landfill. We have initiated a few programs throughout our Company to enhance the amount of waste we recycle. Steel is the core commodity we utilize in our manufacturing process and all scrap steel is collected and recycled. We recycle all batteries and recycle office furniture on a regular basis through all our corporate locations. We also put together a plan to recycle paper, plastic and metals in all workspaces, break areas and around copy machines.

View our [Environmental Data Sheet](#) for more information.

### **Air Quality**

Douglas Dynamics achieves and maintains air quality that protects and enhances public health, welfare, and the environment. Air quality data is disclosed to the EPA as required.

View our [Environmental Data Sheet](#) for more information.

### **Water Consumption**

The need to focus on a water consumption plan is essential; water touches almost everything we do. As we find opportunities to reduce our consumption, we have also found ways to reuse this valuable resource through innovative reverse osmosis technology to provide cleaner water? And, we are actively working with our local sewage districts to mitigate the amount of runoff mitigating sewage overflow. We have even been recognized as a “Significant Industrial User Honor Roll” award winner by the sewage district.

View our [Environmental Data Sheet](#) for more information.

### **Biodiversity**

One of the ways to help mitigate runoff especially in urban areas is to maintain natural green spaces. We have planned to keep as much green space as we can to maintain natural habitats. This protects valuable trees and additional vegetation to help manage stormwater and run off. Maintaining the natural habitats also protects the local wildlife in our area.

During the expansion of our Rockland facility in Maine, we worked with the local Department of Natural Resources to ensure the habitat of the spotted Salamander. This endangered species was protected by adjusting the footprint of the building expansion plans. In Milwaukee, our corporate headquarters just about doubled with the purchase of an adjacent property. There was a fairly large green space separating the two properties at the time of the purchase. A decision was made to only connect the properties with a small road rather than paving the green space and adding potential storage or parking. This enabled us to maintain a significant percentage of the green space which is so crucial in urban areas.

## **Quality & Continuous Improvement**

The Douglas Dynamics Management System, coined DDMS, is our collective approach to running our business. DDMS encompasses best-in-class business processes and structured problem-solving techniques to drive business performance in a way that can be deployed with speed, and promotes effective integration and sustainable growth. DDMS is an integrated system that continues to evolve with our business to deliver on strategic priorities and goals through a culture of continuous improvement, people who embrace change, world-class processes and practical tools.

The Douglas Dynamics Management System includes a collection of tools to solve problems and deliver greater value to our customers by eliminating waste and improving the way we work. The continuous improvement journey at Douglas Dynamics has resulted in a highly efficient process extending throughout the entire value chain, including our ability to solve problems within our supply base as well to our end customers. In addition, we strive to operate our business with the highest standards for safety and quality from our manufacturing through our upfit environments. In over 70 years, we have never had a product safety recall. Our warranty levels are at .86%, well under world class. This commitment to manufacturing excellence and innovation has solidified us as the leader in manufacturing snow and ice equipment.