

Plastics4Purpose™

A sustainable, cost-effective solution for regulated plastic waste.

Sustainable Program

Triumvirate Environmental's **Plastics4Purpose™** program is a proprietary process for recycling regulated plastic waste. This process helps divert waste from landfills and incinerators, turning it instead into durable, long-lasting plastic lumber boards that can be used in numerous applications. The end result is a complete cradle-to-cradle system and advanced operational sustainability.

Innovative Process

1. Regulated plastic waste is collected and transferred to Triumvirate Environmental's Jeannette, Pennsylvania facility.
2. The plastic waste is shredded and, if necessary, treated via an innovative, proprietary, and EPA-approved sanitization process.
3. The shredded plastic is melted, extruded or molded, and converted into various types and sizes of plastic lumber.
4. The recycled plastic lumber is ideal for a variety of uses, including retaining walls, garden beds, steps, landscape edging, benches, and shipping pallets.

Competitive Advantage

Triumvirate Environmental offers waste recycling solutions that can save your organization thousands of dollars—while maximizing environmental friendliness and safety. Stay ahead of your competitors and delight your clients by choosing recycling over traditional disposal methods, so you can help your organization achieve its sustainability goals and yield significant cost savings through waste diversion, all while remaining safe and compliant.



Shredded regulated plastic waste



Raised garden bed using recycled plastic lumber

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