



Case Study: Aluminum Oxide and Glass Bead Blast Media

How do you recycle tons of spent blast media? Normally comprised of Aluminum Oxide and/or Glass Beads, blast media is used extensively in industrial applications to smooth and polish metal parts such as new hip and knee implants.

This manufacturer was seeking a better, more sustainable option for their non-hazardous blast media waste generated during their production processes. The material was traditionally landfilled.



Conigliaro Industries received samples of the material, as well as SDS and TCLP information, and went to work. Once approved by our lab, the material was blended with similar aggregates and used as a fine-sized concrete precast additive.

The result? To date we have received and processed tons of this material. And we are just getting started! This material had previously been landfilled so every ton recycled moves them closer to their sustainability goal of zero waste!

Conigliaro Industries helps organizations reach their sustainability goals by attacking the last 10-20% of the waste stream.

Unlike traditional recyclers that focus on straightforward waste streams like corrugated cardboard and metal, we specialize in recycling difficult wastes. If you have a unique material that comprises a measurable portion of your waste stream give us a call. We'll implement a customer-specific collection, transportation, processing and recycling program for your unique waste.

A focus on difficult and unique waste streams – now handling 150 different materials

We are not consultants – we use our expertise to set up long-lasting recycling programs that work!

Currently serving large manufacturers across the country

Our in-house dismantling shop tackles items requiring manual or mechanical separation before recycling

We've successfully recycled unique wastes since 1990!



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