



Case Study: Glass Slides and Glass Trim Paste

How do you recycle close to 500 tons of borosilicate glass microscope slides and 300 tons of borosilicate glass trim paste produced each year by a major manufacturer? Traditionally landfilled, this manufacturer was seeking a better, more sustainable option for the waste generated during production.



Conigliaro Industries received samples of the material and went to work. The glass slides were mixed with bottle glass from municipal recycling programs and sent through our glass processing plant and screens, producing two 100% recycled products - Tumbled Glass Sand and Tumbled Glass Gravel.



The Tumbled Glass Sand was then used to make concrete retaining wall blocks. The Tumbled Glass Gravel was blended 50/50 with the glass trim paste to produce high quality recycled-content construction aggregates. The aggregates have been used in various construction projects across Massachusetts.

The result? To date we have received, processed and recycled 50 loads of glass slides and glass paste weighing close to 1,250,000 pounds. 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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