Aerosol Recycling Technology

US Ecology is the only company in the U.S. to offer technology that produces recyclable metal, reusable alternative and liquid fuels, and is landfill-free with zero emissions.

Achieve compliance with the only system to truly recycle or reuse 100% of the aerosol can and its components.
Combined with state-of-the-art patent-pending technologies, US Ecology’s aerosol recycling system is the most sustainable solution in the market. Our fully enclosed process is equipped with oxygen-monitoring sensors to protect the environment and the health and safety of our certified professionals operating the system.

**US Ecology’s Aerosol Recycling Technology process:**

1. First, cans are transferred into a hopper featuring an airtight inert chamber.
2. Next, cans are compacted under vacuum to produce dry metal bricks for multipurpose recycling.
3. Liquid products and gas propellants are then 100% captured and separated by vacuum and compression technologies to produce reusable alternative fuels.
4. Last, patented technologies further compress gas propellants into purified recyclable liquid fuels, similar to liquid petroleum gas.

**What sets US Ecology’s Aerosol Recycling Technology apart from the rest?**

The unique, patented technology developed by US Ecology’s team turns discarded aerosol waste into new, compatible end-products that will recirculate into the market for a broad array of reuse to safely fuel the future.

Choose US Ecology for safe, compliant and reliable aerosol can waste management solutions using state-of-the-art recycling technology backed by over 65 years of environmental industry leadership and unequaled service excellence.