

Thermal Desorption Solutions

Republic Services provides sustainable waste solutions for recoverable organic materials.



REPUBLIC
SERVICES

Sustainability in Action



Industrial generators face increasing pressure to reduce disposal costs, minimize waste, and maximize value all while meeting sustainability objectives and regulatory compliance.

Republic Services' Thermal Desorption Unit (TDU) is designed to process organic-bearing waste through controlled indirect heating. This recycling method separates contaminants, minimizes waste, reduces incineration and landfill dependence and recovers valuable resources when possible. The shredder for containerized waste reduces handling requirements and improves treatment efficiency.



Potential RCRA waste
exemptions



Flexible waste
acceptance capabilities



Logistics and regulatory
compliance support

Accepted Waste

- **Catalysts:** precious and semi-precious metal, hydro processing, metal-bearing, K171 and K172, HSM, packaging
- **Organic-Bearing Materials:** liquids, solids, sludges, petroleum and petrochemical waste, contaminated soil, precious and semi-precious metal liquid and solid separation
- **Non-Exempt Waste:** U and F codes
- **Containerized Waste:** steel drums, poly drums, totes, gaylords, cubic yard boxes
- **Industrial Debris:** spill cleanup materials, organic contaminated debris, paint-related waste, high-halogenated waste processing

Visit [RepublicServices.com](https://www.RepublicServices.com) or call **800.592.5489** for more information, or contact your Sales Representative.

