

SOLIDS ENERGY RECOVERY SERVICE



A SMARTER ALTERNATIVE TO INCINERATION

Tradebe Environmental Services **Solids Energy Recovery Program** offers a **cost-effective, NESHAP-compliant** alternative to **traditional incineration** and **direct landfill**. We convert high-carbon refinery sludge into fuel for cement kilns—reducing fossil fuel use while advancing your compliance and sustainability goals.

At Tradebe, we manage **high volumes of waste daily** with fast unloading, high-speed blending, and direct kiln delivery. **The result:** reduced disposal costs, improved operational efficiency, and a measurable impact on your environmental footprint.



WHY REFINERIES TRUST TRADEBE

Alternative to Incineration

Our process qualifies as **H050 (energy recovery)**, providing regulatory and cost advantages over traditional incineration (H040). The processed waste is used as fuel in cement kiln combustion.



Fast Turnaround & Responsive Service

With streamlined unloading, blending, and processing, we ensure quick turnaround and timely invoicing, helping facilities manage costs and maintain compliance deadlines.



Flexible Logistics

We utilize both owned and subcontracted transport assets (including roll-offs and end dumps), giving clients flexibility and reliability in scheduling and shipment coordination.



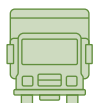
Partnered for Growth

Our scalable operations through long-term partnerships focus on driving consistent value for our customers while ensuring work is done efficiently and sustainably.



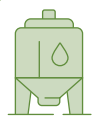
FROM WASTE TO FUEL: HOW THE PROCESS WORKS

Our Refinery Solids Recovery Process is designed for operational efficiency, lessened environmental impact, and compliance. From receiving waste to final fuel utilization, each step is engineered to maximize value from refinery solids while reducing reliance on fossil fuels. Here's how we turn refinery waste into a productive energy resource.



01 | Waste Arrival & Unloading

Refinery solids are delivered to our NESHAP-compliant facility. From our control center, operators manage rapid and secure truck unloading.



02 | Homogenization & Fuel Blending

Using a high-speed, two-stage hydropulper system, refinery waste is blended with high-Btu liquids into a pumpable, energy-rich fuel.



03 | Cement Kiln Energy Recovery

This fuel is sent to regulated cement kilns, where it is used to offset fossil fuel consumption and serve as a raw material for clinker production.



Environmental & Operational Benefits

- ✓ Reduces landfill dependency
- ✓ Offsets fossil fuel demand in cement manufacturing
- ✓ Lowers refinery carbon footprint
- ✓ Supports ESG and circular economy initiatives
- ✓ Complies with NESHAP and other regulatory standards

The Bottom Line: Results That Matter

We help refineries reduce disposal volumes, avoid incineration classifications, and convert waste into usable fuel. We provide a complete solution that includes logistics, processing, and fuel application, supported by collaborative relationships that continue to expand capabilities and explore new opportunities.



Tradebe USA | Let's Turn Refinery Waste Into Industrial Value

Scan to explore our Refinery Services or request a quote.

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