



# Alternative Raw Materials



*Our mission at Systech Environmental Corporation is to effectively serve customers by providing waste collection, processing, and secure destruction services to create alternate fuels and substitute mineral sources.*

## **INNOVATION AND EXPERTISE IN WASTE MANAGEMENT**

For more than 40 years, Systech has been using sustainable methods to manage customers' non-hazardous waste, beneficially reusing its mineral value to make another product, such as cement. We were an early pioneer in the waste disposal industry, and we continue to adapt, innovate and evolve to meet customer needs through environmentally friendly methods.

Today, Systech, and its sister company Geocycle, co-process by-products and waste materials at 22 cement kilns across North America. Both are affiliates of LafargeHolcim, a world leader in the building materials industry.

## **SERVICES**

Calcium, alumina, silica, iron and lime are used as raw materials in the production of powdered portland cement. Many waste products and filter cakes produced by industrial manufacturing, such as treated waste water, spent foundry sand or boiler ash, contain one or more of these key elements. By repurposing waste products as an alternate raw material in the manufacturing of cement, waste is diverted from landfills, reducing the environmental impact.

## **MATERIALS HANDLED**

- Abrasives
- Baghouse dusts
- Bauxite
- Bottom ash and fly ash
- Catalysts
- Ceramics
- Clay filters and sludges
- FCC/Spent Catalyst
- Filter cakes
- Foundry sand, blast grit
- Kaolin
- Mill scale
- Silicate
- Slag
- Spent lime sludges



#### COUNT ON SYSTECH FOR...

- Supporting customers' sustainability initiatives through the beneficial reuse of waste
- Offering an alternative to landfills—waste is diverted from landfills for environmentally friendly reuse
- Incorporating waste safely and securely into cement while minimizing potential long-term liability
- Long-term, ongoing partnerships with cement kilns, allowing Systech to directly communicate along the entire disposal chain and offer customized solutions
- Providing customer support with pricing, logistics assistance and other services—from evaluating raw materials through final processing and documentation

#### GETTING STARTED

It's easy to work with the Systech staff, who will guide you through the following steps:

1. Fill out a profile
2. Mail a representative sample to your local Systech representative
3. Receive approval letter
4. Submit a credit application
5. Finalize terms and contract
6. Schedule waste load delivery to Systech facility
7. Build your reputation as a green company

Let's talk. Call us at **800.888.8011** to get started on better managing your waste.