Profiled/ Special Waste Program
Connecticut Energy from Waste Facilities

Southeastern CT RRF
- Preston, CT
- 690 TPD (MSW)
- 18 MW
- 40 TPD (SW)

Bristol RRF
- Bristol, CT
- 650 TPD (MSW)
- 16 MW
- 40 TPD (SW)
Energy-from-Waste Process

- Partner with municipalities to sustainably combust waste
- Technologically advanced facilities combust waste at high temperatures
- Resulting steam used to produce electricity sold to Eversource (12-15K homes)
- Metals are retrieved from the process and recycled
Definitions

• Profiled/ Special Waste
  • Waste from industrial, commercial, manufacturing, chemical, pharmaceutical, consumer, agricultural and law enforcement.
  • Separated from MSW due to special handling requirements, corporate policy, or security concerns

• Covanta Environmental Solutions Departments
  • Sales and Marketing
    • Develop relationships with waste generators and third party waste services companies
  • Environmental Health and Safety
    • Review all candidate waste streams to ensure acceptability
  • Account Executives/Customer Service
    • Maintain day-to-day contact with customers
Types of Profiled Waste

• Pharmaceuticals — expired drugs
• Consumer /Personal Care Products — recalled shampoo
• Industrial/Chemical Process Waste — toothpaste waste
• Oily Contaminated Waste — absorbent pads, speedi-dry
• Seized/Secure Destruction Materials -Contraband
• Agricultural — Root knots/balls
• APHIS/Foreign Garbage — airport or sub-base waste
Special Waste Permit Conditions

• 40 tons per day limit
• No free draining liquids
• No waste allowed in drums
• Non-hazardous by testing or knowledge of process ("Hazardous Waste Determination")
• Annual recertification of non-hazardous waste stream
Profiled Waste Approval Process

- Material Characterization Form (MCF)
- Tracking Number
- EH&S Review
- Facility Review
- Terms & Conditions
- Approval Letter

Approval process is managed in CRM (Customer Relationship Management) Database. CRM is used to track customers from 1st contact through the approval process and continued service.
How Profiled Waste is Scheduled, Received and Processed

• Scheduling
• Pre Shipment Form and Non Hazardous Certification Form
• Delivery Date
• Special Handling Requirements
• Witness Burns – arranged during scheduling
• Certification of disposal/destruction
Document Control/Retention

- Documents Kept on File
- Training Records
- SOP Manual
- Profiled Waste Corporate Reviews
Covanta Contacts

Tonya MacKenzie  
Primary  
Environmental Specialist  
860-889-4900  
tmackenzie@Covanta.com

Joe MacEachern  
Alternate  
Sale Manager  
603-566-9420  
jmaceachern@Covanta.com