



Residual Waste Issues

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Overview

1. Applicability
2. 2001 Regulatory Changes
3. DEP Waste Redux Project
4. Anticipated Changes to RW Regulations
5. Questions

Applicability

- Waste generated consists of:
 - ✓ 2/3 residual waste
 - ✓ 1/3 municipal waste
 - ✓ 3% hazardous
- Except for wastewaters, largest category of residual waste generated
 - ✓ Coal combustion byproducts from electric power generation industry

Applicability

- Residual Waste Regulations (25 Pa. Code Chapters 287-299)
 - ✓ Definition of residual waste
 - ✓ Examples:
 - fly ash
 - flue gas desulfurization slurry

Applicability

- Types of activities covered:
 - ✓ Generation
 - ✓ Disposal
 - ✓ Storage
 - ✓ Processing & Treatment
 - ✓ Transportation

Applicability

- **Types of structures/facilities covered:**
 - ✓ **landfills (288)**
 - ✓ **impoundments (289, 299)**
 - ✓ **transfer facilities (293)**
 - ✓ **composting facilities (295)**
 - ✓ **incinerators & other processing facilities (297)**

Applicability

- General Requirements

- ✓ Permits

- A permit is required to own or operate a residual waste or processing facility (i.e. surface impoundment)

- Permit-by-rule is available for certain types of facilities (i.e. captive processing facilities and wastewater treatment facilities, and the beneficial use of residual waste)

- ✓ Biennial Reports and Recordkeeping

- Required for generators of more than an average of 2,200 pounds of residual waste per generating location per month.

Applicability

- Operating Requirements for Impoundments
 - ✓ setback restrictions
 - ✓ liner system requirements
 - ✓ leachate treatment
 - ✓ closure activities

2001 Regulatory Changes

- Amended the definition of “Waste” to parallel definition used in hazardous waste regulations.
- Waste materials include materials that are abandoned or recycled.
- Materials are not wastes if they are:
 - ✓ Used or reused as an ingredient in an industrial process to make a product unless they are first reclaimed
 - ✓ Coproducts
 - ✓ Returned to original process without being reclaimed.

