RCRA Waste Handlers:

Generators, Transporters and TSDFs

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RCRA Generators –

-- Largest universe of hazardous waste handlers

-- Key exemptions:

--- 90-day storage

--- Small quantity generators, Conditionally Exempt SQGs

--- Recycling

--- Product tank exemption
RCRA Transporters

-- Least regulated part of hazardous waste chain

-- Key requirement: manifesting and exception reporting

-- Limited storage and transfer station authorization

-- Under DOT and HazMat separate regulation

-- International shipments
Hazardous Waste TSDFs: HazWaste Landfills

- Large cells, liners, groundwater monitors
- Staging treatment areas
- Highly controversial
Hazardous Waste TSDFs: Incineration Facility

- Six 9s destruction efficiency
- Fluidized bed, rotary kiln, etc.
- Note ash disposal unit
Hazardous Waste TSDF: Injection Wells

-- Smallest footprint

-- Associated tankage

-- Casing testing, annulus integrity
Hazardous Waste TSDFs: Treatment Technologies

-- Vitrification, Waste-to-Energy, Plasma Furnaces, Stabilization

-- Residue and staging

--- Waste classification (derived-from rule, waste code carry-through)

--- TSD requirements for staging

--- Limits on use of resulting material, energy costs
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