

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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