

Types of RCRA Units

- Most common and important:
 - Tanks
 - Containers (drums)
 - Surface impoundments
 - Landfills
 - Incinerators
 - Injection wells



Containers



HAZARDOUS WASTE

GENERAL INFORMATION
NAME OF GENERATOR
ADDRESS
CITY
STATE
ZIP

DATE OF SHIPMENT
ESTABLISHMENT NO.
REGISTRATION NO.
HAZARDOUS WASTE IDENTIFICATION NO.
UNSPILLABLE CONTAINER NO.

WASTE CHARACTERIZATION (CLASSIFICATION, CODES, OR OTHER IDENTIFICATION)
HAZARDOUS WASTE IDENTIFICATION NO.
CONTAINER NO.

DO NOT WRITE OR SIGN THIS LABEL IN ANY MANNER

HANDLE WITH CARE!

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Tanks



Tanks – the Parking Lot Test



Surface Impoundments





Hazardous Waste Incineration Facility

- Six 9s destruction efficiency
- Fluidized bed, rotary kiln, etc.
- Note ash disposal unit



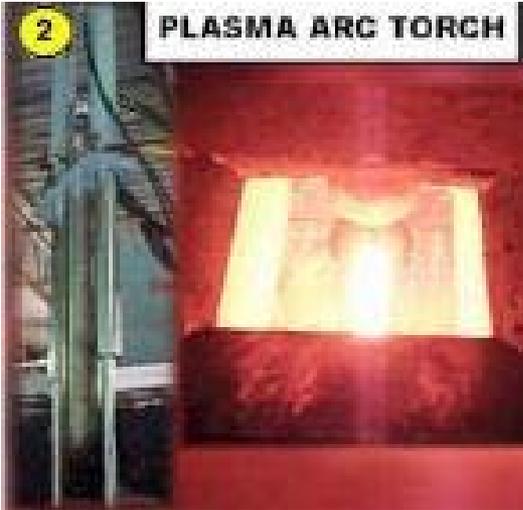
Hazardous Waste Landfill

- Large cells, liners, groundwater monitors
- Staging treatment areas
- Highly controversial



Hazardous Waste Injection Well

- Smallest footprint
- Associated tankage
- Casing testing, annulus integrity



Hazardous Waste 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