Taylor Earl

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Geology

* Congress makes general enviornmental laws
* They appoint EPA to make specific laws
  + Facility / Area - permits
  + Compliance
    - Delecated authority to state
* Hazardous Waste Act- RCRA (Resource conservation recovery Act)
  + Prevent releases and exposures of hazardous waste..
  + “Cradle to Grave” tracking and management
  + Containerization and Disposal
  + Storage, Treatment and Disposal (TSD) facilities permitted hazardous waste landfills and incinerator in Utah’s west desert
* Hazardous Waste
  + Toxic Metals (As, Ba, Cr, Cd, Hg, Pb, Se)
  + Acids and Bases
  + Reacts with water
  + Ignites at a low temperature
  + Management depends on how much you generate
  + Typical C&D waste not hazardous
  + Paint, acids, solvenets glue, light tubes
  + Used oil
  + Recycling
* CERCLA or superfund
  + Federal government clean up of abandoned waste disposal sites at federal and private sties
  + Money allocated in Superfund
  + Government cleans it up and send the responsible parties the bill
* EPCRA
  + The emergency planning and community right to know act
  + Was passed by congress in response to concerns regarding the environmental and safety hazards posed by the storage and handling of toxic chemicals
  + These concerns were triggered by the 1984 disaster in Bhopal india, caused by an accidental release of methylisocyanate. The release killed or severely injured more than 2000 people