Waste Determination Flow Chart

Start Here: What type of waste do you have?

- Biological
  - Expresses any of the following:
    1. Present a threat to humans or animals
    2. Non-liquid tissue, body parts, blood, blood products, and body fluids
    3. Wastes which contain human disease-causing agents
    4. Genetically modified organism(s)
    5. Sharps
  - Biomedical Waste

- Chemical
  - I. Fluorescent lamp
  - II. Battery
  - III. Mercury containing device
  - IV. Pesticide
  - Chemical listed in 40 CFR 261 subpart D
  - Universal Waste
  - Expresses one or more hazardous characteristics (40 CFR 261 subpart C)
    - Toxicity – one or more of following:
      - Arsenic
      - Barium
      - Benzene
      - Cadmium
      - Carbon tetrachloride
      - Chloride
      - Chlorobenzene
      - Chloroform
      - Chromium
      - o-Cresol
      - m-Cresol
      - p-Cresol
      - Cresol
      - 2,4-D
      - 1,4-Dichlorobenzene
      - 1,2-Dichloroethane
      - 1,1-Dichloroethylene
      - 2,4-Dinitrotoluene
      - Endrin
      - Heptachlor (and its epoxide)
      - Hexachlorobenzene
      - Hexachlorobutadiene
      - Hexachloroethane
      - Lead
      - Lindane
      - Mercury
      - Methoxychlor
      - Methyl ethyl ketone
      - Nitrobenzene
      - Pentachlorophenol
      - Pyridine
      - Selenium
      - Silver
      - Tetrachloroethylene
      - Toxaphene
      - Trichloroethylene
      - 2,4,5-Trichlorophenol
      - 2,4,6-Trichlorophenol
      - 2,4,5-TIP (Silvex)
      - Vinyl chloride
    - Flammability
      - I. aqueous solution containing 24% or more alcohol by volume
      - II. flash point less than 60 °C (140 °F)
      - III. Is an oxidizer (chlorate, permanganate, inorganic peroxide, nitrate)
      - IV. Is an organic compound with bivalent "-O-O-" considered a derivative of hydrogen peroxide
    - Reactivity
      - I. Normally unstable and readily undergoes violent change without detonating
      - II. Reacts violently with water
      - III. Form potentially explosive mixtures with water
      - IV. When mixed with water, it generates a toxic gas, vapors, or fumes
      - V. It is a cyanide or sulfide when exposed to pH concentrations between 2 and 12.5, can generate toxic gases, vapors, or fumes
  - Hazardous Waste

- Radioactive
  - Yes
  - Expresses one or more of the following:
    1. Present a threat to humans or animals
    2. Non-liquid tissue, body parts, blood, blood products, and body fluids
    3. Wastes which contain human disease-causing agents
    4. Genetically modified organism(s)
    5. Sharps
  - Radioactive Waste