
Butte County Environmental Health Certified Unified Program Agency (CUPA)

Medical, Dental, and Veterinary Facilities Hazardous Waste Generator Program

Certified Unified Program Agency (CUPA)

- Senate Bill 1082 (SB 1082) was enacted by the State of California Legislature to streamline regulatory oversight for businesses that handle hazardous materials or hazardous wastes. SB 1082 requires certification of a *Certified Unified Program Agency (CUPA)* in every California county, for oversight of the following hazardous materials and hazardous waste management programs:
- The Environmental Health Division of the Butte County Public Health Department (Environmental Health) was certified by the California Environmental Protection Agency as the CUPA for Butte County, effective February 1, 2005.

Butte County CUPA Programs:

- Hazardous Materials Release Response Plans and Inventories (Business Plans)
- Hazardous Waste Generator and Onsite Hazardous Waste Treatment (tiered permitting) Programs
- Underground Storage Program
- California Accidental Release Prevention (CalARP) Program
- Aboveground Petroleum Storage Act: Spill Prevention, Control and Countermeasure (SPCC) Plans

HazWaste Management



✓ Generators of hazwastes
Large/Small/**Very Small**

↑
Medical Facilities

✓ Generation & Storage:
27 gal or 100 kgs/month

A look inside an office...

Hazardous Wastes

- Photo processing wastes
- Chemical Sterilants
- Disinfectants

Universal Wastes

e.g. Amalgam Wastes, Hg lamps, computers etc.

Medical Wastes

- Sharps
- Biohazardous
- Pharmaceuticals



Photo Processing Wastes - 1

Lead Foils & Lead Aprons

Hazardous? Yes! Contain lead

Disposal: Should be recycled

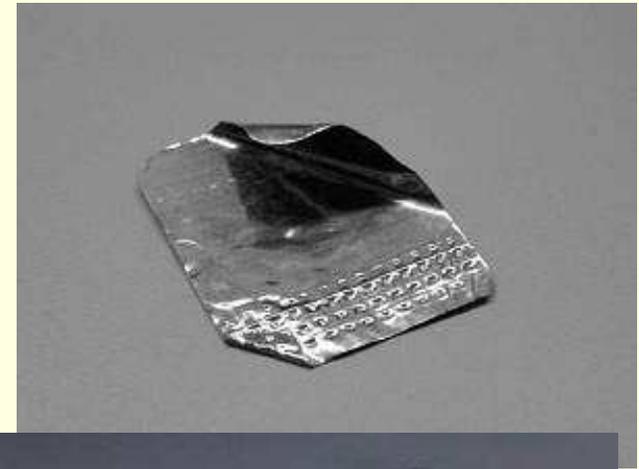


Photo Processing Wastes - 2

X-Ray Developer



Hazardous? Yes!!, may contain hydroquinone & glutaraldehyde

Disposal: Used developer can go down the drain. But unused developer is a hazardous waste.

Less-toxic tip: Switch to digital

Fixer and Developer must NOT be mixed !!

Photo Processing Wastes - 3

Used X-Ray Fixer

Hazardous? Yes! Contains Silver

Disposal: Recycle to reclaim silver

Less-toxic tip: Switch to digital



Fixer and Developer must NOT be mixed!!

Photo Processing Wastes - 4



X-Ray Cleaner

Hazardous? Yes, if it contains heavy metal such as Chromium

Disposal: Treat as hazardous waste

Less-toxic tip: Switch to digital

Photo Processing Wastes - 5



X-Ray Film

Hazardous? Yes! Contains Silver

Disposal: Recycle to reclaim silver

Less-toxic tip: Switch to digital

Cleaning & Sterilization Wastes

Hazardous? Yes! Contains glutaraldehyde

Disposal: Treat on-site & discharge to sewer

Less-toxic tip: Autoclave or Dry heat oven



Ultrasonic Cleaners - ??



Chemiclave ~ Chemical based

Autoclave ~ Steam based

Disinfectants

Hazardous?: Contain a variety of toxics (see MSDS)

Disposal: Treat as hazardous waste

Less-toxic tip: Fully use up product, removing need for disposal.



Bleach must NOT be used to clean vacuum lines!!

Hazardous Wastes - Recap

Photo processing Wastes

- X-ray Developer → Hydroquinone
- X-ray Fixer → Silver
- X-ray Cleaner → Chromium
- Lead foils + shields → Lead
- X-ray Film → Silver

Chemical Sterilants *check MSDS*

Cleaners/Disinfectants *check MSDS*



Fixer and Developer must NOT be mixed!!

Universal Wastes

Commonly found hazardous wastes that are generally less toxic and therefore, less regulated but must still be handled in a specified manner;

- Fluorescent Lamps



- Batteries



- Aerosol Cans



- Special Mercury Wastes – intact thermometers, switches, waste amalgam

- Computers



Disposal: *Hazwastes & Universal Wastes*

- *Option 1:* Certified Hazardous Waste Hauler
- *Option 2:* Acceptable treatment methods prior to disposal.
- *Option 3:* Contract with certified recycler.



RECYCLE, RECYCLE, RECYCLE!!

The recycling symbol, a black triangle with three arrows forming a circle, is positioned behind the blue banner.

Medical Wastes



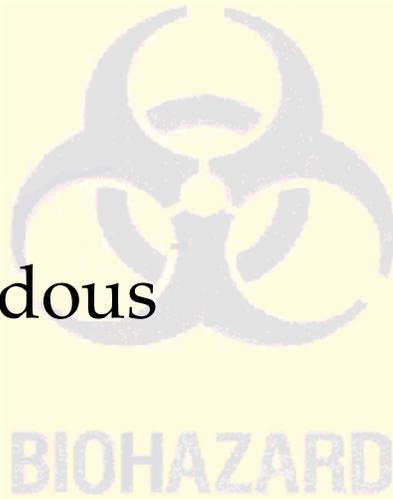
Sharps



Biohazardous



Pharmaceutical



Note: This program does not cover, sharps, biohazardous, or pharmaceutical wastes.

Implementation of the CUPA generator program includes:

- a) Facility inspections- verification of proper hazmat management**
- b) Hazwaste documentation – disclosure of hazardous chemicals and where they are stored**
- c) Determination of regulatory status and fee schedule**
- d) Determination of proper waste disposal – contract with recycler, installation of remediation device(s), and disposal to waste water system**

If you have questions please call:

**Butte County Public Health Department
Division of Environmental Health
Certified Unified Program Agency (CUPA)**

(530) 538-7281