

**Table 1: Treatment and Disposal Options**

Waste Type	Treatment / Level of Health System	Final Disposal
General waste (food, paper, packing materials) etc	Biodigestion, Composting, Incineration (controlled combustion), Recycling (cardboard, paper, glass) <ul style="list-style-type: none"> <li>▪ Health Centre/Clinic – Composting, low cost incineration</li> <li>▪ District – Composting, Biodigestion, incineration</li> <li>▪ Regional Hospitals – Incineration, Biodigestion.</li> <li>▪ Teaching Hospital – Incineration</li> </ul> Recycling - All levels	Landfill, protected pits
Infectious Waste Sharps	Incineration- All levels Chemical disinfection- All levels Waste autoclaves – regional/ tertiary levels	landfill
Patients' waste	Incineration - All levels	landfill
Culture/specimen	Discontinuation by autoclaving/incineration – All levels	landfill
Pathological/organic Human tissue	Incineration – All levels Approved Burial Grounds, Health Centres,	landfill
Hazardous Waste Pharmaceutical tablets and capsules	Crushing – All levels	landfill
Syrups and injectables	Crushing of injectables All levels Syrups - Diluted and washed down the drains – All levels	landfill
Cytotoxic drugs, Vaccines	Incineration at high temperature - All levels	Landfill
Photographic chemical waste <ul style="list-style-type: none"> <li>• Photographic developer</li> <li>• Fixer solution</li> <li>• X-ray photographic film</li> </ul>	Incineration at high temperature ( 1000°C)	Landfill
Radioactive waste	Compaction, storage decay Immobilization. Ghana Atomic Energy to be consulted – All levels	Specially designed landfill
Laboratory Waste	Dilute with large volumes of water (12x) -For those that are infectious, chemical disinfection and incineration – All levels	Sewage Landfill
Acids, Alkali	Dilute with large volumes of water (12x) – All levels	Sewage
Solvents	Chemical decontamination (see EPA guidelines)	Sewage
Organic Substances	Chemical decontamination (see EPA guidelines)	Sewage
Heavy Metals	Complexation	Sewage