



THE HAZARDOUS EFFECTS OF WASTE TO ENERGY PLANTS

Waste-to-energy plants release harmful pollutants like dioxins, heavy metals, and fine particles that damage air quality and harm human health. They also produce toxic ash that can contaminate soil and water, while emitting greenhouse gases that undermine climate goals and cleaner waste solutions.

ENVIROMENTAL RISKS



Air Pollution – Release of dioxins, furans, heavy metals, and fine particulate matter.



Greenhouse Gas Emissions – Carbon dioxide and nitrous oxide contribute to climate change.



Toxic Ash Residue – Hazardous ash requiring special disposal can contaminate soil and groundwater.



Water Pollution – Risk of leachate and chemical runoff affecting rivers, lakes, and aquifers.



Resource Inefficiency – Discourages recycling and waste reduction by prioritizing incineration.

HEAVY METAL (*LEAD, MERCURY*) RISKS



Heart & Lung Diseases



Neurological Diseases



Cancer

TOXIC CHEMICALS (*PFAS, DIOXINS*) RISKS



Heart Attacks



Strokes



Birth Defects



Lung Infections



Increased Asthma Risk