



PathoVision

PATHOVISION

Your Environmental & Public Health Sentinel

Detailed Threat Report

Detailed Description of Detected Items

Detected Item :Here are the reports for the detected environmental objects:

Detected Item :Plastic Film & Bags 

Plausible/Possible Diseases : Mosquito-borne diseases (e.g., Dengue, Malaria), gastrointestinal issues (indirectly via microplastics).

Explanation : Plastic film can accumulate stagnant water, creating ideal breeding sites for mosquitoes. Microplastics can enter food and water systems, potentially impacting human health over time.

Advice and Precaution To Follow :

- * Dispose of plastics properly in designated bins to prevent accumulation. 
- * Ensure no plastic items collect standing water, especially after rain. 
- * Reduce plastic use and opt for reusable alternatives whenever possible. 

Detected Item :General Solid Waste 

Plausible/Possible Diseases : Vector-borne diseases (e.g., Salmonella, Leptospirosis from rodents/insects), gastrointestinal infections, skin infections, respiratory issues.

Explanation : Decomposing waste attracts pests like flies, rodents, and cockroaches, which can spread pathogens. It also contaminates soil and water, posing direct health risks.

Advice and Precaution To Follow :

- * Store waste in sealed containers to deter pests and control odors. 
- * Segregate waste for proper recycling and composting where available. 
- * Wash hands thoroughly after handling any waste material. 

Detected Item :Unmanaged Landfill Waste 

Plausible/Possible Diseases : Waterborne diseases (e.g., Cholera, Typhoid), respiratory problems, Leptospirosis, Hantavirus, skin infections.

Explanation : Large-scale unmanaged waste creates significant environmental hazards, including leachate contaminating water sources and emission of harmful gases. It provides extensive habitats for numerous disease vectors.

Advice and Precaution To Follow :

- * Support initiatives for proper waste management and regulated landfill operations.

- * Avoid direct contact with landfill sites or contaminated areas. 
- * Report illegal dumping or unmanaged waste sites to local authorities. 