



Environmental Consequences

ASSIGNMENT, PART 6, DISPOSAL

Select one of the following processes involved in the informal or incomplete recycling of electronic waste:

- Burning
- Shredding and Dismantling
- Leaching
- Illegal Dumping

For the process chosen from the list above, respond to the following:

- What types of electronics or materials found in electronic devices are usually subjected to these processes?
- Name a critical toxin involved in this process including which material or materials it is associated with?
- What does this toxin contaminate: air, water, soil, food, or something else?
- Identify the health effects of this toxin. Be specific. Identify the population (children, normal healthy adults, the elderly) who are vulnerable to these health effects.
- In a formal or well regulated recycling process, how is this toxin handled so it does not hurt the environment or human health?

Refer to the lecture notes on Environmental Consequences, particularly Part 6 (Disposal) for information to support responding to the above questions and prompts. Use additional sources as needed to support your responses. You may use any sources you wish to address the above prompts, but be sure that any information you do use is reputable and comes from a source that is not obviously biased (i.e. prone to providing information skewed in a particular direction).

For this assignment, submit a response that is a minimum of one page long, single spaced, with 1" margins and font no larger than 11 pt. The length requirement does not include title, graphs, figures, extra white space, or other additions that are not text). Please provide a list of sources used to answer the above prompts at the end of your assignment in an APA or IEEE style bibliography. No citations in text are required. Engaging photos or other figures are appreciated, but should be cited appropriately to give credit to the author/creator of these visual aids.