

Effects of the Use and Disposal of Pure Substances and Mixtures on the Environment

1) What do we call the liquid waste water from toilets, baths, showers, and sinks?

- a) Waste water
- b) Sewage
- c) Chemical water
- d) Used water

2) The grit chambers are a part of which level of treatment?

- a) Primary
- b) Secondary
- c) Tertiary
- d) Grit chambers are not a part of water treatment

3) Which level of treatment is a biological treatment?

- a) Primary
- b) Secondary
- c) Tertiary
- d) Biological treatments are not a part of water treatment

4) Which level of treatment is a chemical treatment?

- a) Primary
- b) Secondary
- c) Tertiary
- d) Chemical Treatments are not a part of water treatment.

5) Which level of treatment is a separation treatment?

- a) Primary
- b) Secondary
- c) Tertiary
- d) Separation treatments are not a part of water treatment.

6) What can cause untreated waste water to be returned to the environment?

- a) Heavy water usage by a community
- b) Very heavy rainfalls
- c) Untreated water is NEVER returned to the environment
- d) Answers a) and b) are both correct

7) What can we find high levels of in almost every North American lakes, rivers and streams that can be dangerous to the environment?

- a) Fish
- b) Human feces
- c) Pesticide residue
- d) Garbage

8) How can pesticides enter our water?

- a) Percolation
- b) Leaching
- c) Pesticide drift
- d) All of the above

9) Which of the following is NOT an impact of pesticides?

- a) Fewer living things in soil and waterways
- b) Farmers reporting headaches, dizziness, and vomiting
- c) Bacteria growing in our water
- d) Long term health problems for people in close contact

10) How long have Hamilton steel manufacturers been releasing industrial waste material into the environment?

- a) Over 10 years
- b) Over 25 years
- c) Over 50 years
- d) Over 100 years

11) What do we call an area where garbage is disposed of and buried under layers of soil?

- a) A dump
- b) A landfill
- c) A recycling plant
- d) My bedroom floor

12) What CANNOT be thrown out in a landfill?

- a) Food scraps
- b) Hazardous waste
- c) Scraps of wood
- d) Clothing

13) Why is Uranium so dangerous to the environment?

- a) It is very hot
- b) It is poisonous
- c) It is radioactive
- d) It is corrosive

14) How long does uranium need to spend in a “spent fuel pool” until it is cool and stable enough for transportation?

- a) 5 hours
- b) 5 days
- c) 5 months
- d) 5 years

15) According to estimations, how long is spent nuclear fuel dangerous to the environment for?

- a) 100 years
- b) 1,000 years
- c) 10,000 years
- d) 100,000 years