

Worksheet Grade 8 Science Section 3.3 Answer Key

Human Impact on Water Systems

1. Water is essential to the survival of every organism on Earth.
2. Human activities are a concern as they can impact upon this resource.
3. People have used rivers and oceans as dumping grounds for garbage, sewage and other unwanted material such as industrial waste and waste water.
4. Water is a renewable resource

Sources of Water Pollution

5. What is pollution?

Pollution is a term that refers to any of numerous types of harmful materials released into the environment through natural or human activities.

6. Air, soil and water can all be polluted.

7. Point Sources of pollution are pollution that comes from a small specific area . Examples are oil spills, underground storage containers for gas, sewage systems, waste treatment plants.

8. Why are point sources easy to identify?

They are easy to identify because the materials can be traced back to the source.

9. Non-point sources of pollution are those that come from different sources of pollution, not just one.

10. Just 1 L of oil can pollute 1 million L of water.

11. Some examples of pollutants that cause damage are :

- i. pesticides and fertilizers from farms, golf courses, lawns
- ii. animal waste from parks and farms
- iii. run-off from city street and driveways