

Water, Forestry, and Mining: Continued

Using the **textbook questions**, you have completed as a guide, and **the internet**, your task will be to **further** explain and research the issues on **water, forestry** and **mining**.

You will type the answers into a word document, preferably on Office 365 by logging in with your student number and then “share” the document with me.

You will be graded as follows:

- 15 marks** **Content: The issues and solutions are clearly and thoroughly explained using appropriate examples**
 - 5 marks** **Sources: In text citations support the content.**
 - 5 marks** **Grammar, Spelling: Demonstrate skillful control of language. Some errors may exist but do not affect the overall impact**
- Formatting – Written in paragraph form (each paragraph should be about 7 to 9 complete sentences.)**

This is not an essay and you do not need an introduction or concluding paragraph. However, you do need to write in full sentences and paragraphs. Paragraph writing frames are available on the website under the tab “writing” to help you.

Water:

1. What are the issues mentioned in the textbook surrounding physical, biological and chemical pollution for water and what are some possible solutions mentioned?

Extension: (Internet Research)

Physical Pollution:

2. What are the environmental issues that we face with single use plastics? What are some immediate and long-term solutions?
3. Give examples of laws that cities or countries are making to deal with this issue.

Biological Pollution:

You can refer to the Article “Dumping raw sewage into rivers and lakes is common throughout Canada” By Mia Rabson, The Canadian Press Published Monday, August 13, 2018 8:20AM EDT

4. Why is the introduction of human waste into water systems a problem?
5. Find examples of laws that cities or countries are introducing to combat human and animal feces contaminating our environment.

Chemical Pollution:

6. Explain why the textbook indicates that chemical pollution is the most dangerous and what is the only solution to reduce the amount of chemicals in the water?

Extension: (Internet Research)

7. Using the internet, what is the government of Manitoba doing to prevent herbicides and pesticides from entering Lake Winnipeg and other bodies of water?

Forestry:

8. The textbook explains three types of logging operations. Briefly explain the advantages and disadvantages of each.

Extension: (Internet)

9. Using the internet, what are the issues involved with the production of pulp and paper and what are some solutions to minimize their impact?
10. Using the internet, what are the issues involved with the wood-based furniture industry and what are some solutions to minimize their impact?

Mining:

11. According to the textbook, what are the major environmental issues of the mining industry in Canada?

Extension: (Curio Video)

12. Watch the 22-minute video "Crude Awakening" on Curio.
 - a. What natural resources are being consumed by producing this oil?
 - b. What are the oil sands contributing to the environment?
 - c. What solution is being suggested?
13. What are the issues being faced by First Nations people in Fort Chipewyan, Alberta due to mining of the oil sands?

Extension: (Internet)

14. What "solution" have the people of Fort Chipewyan agreed to in the end?

