

Science 10

Name(s): \_\_\_\_\_

Date: \_\_\_\_\_

### Section 3.2: How Humans Effect Ecosystems

*Instructions: Read section 3.2 (pages 122-136) in your textbook and answer the following questions*

Page 122-123

1. Describe wetlands. Why are wetlands called the kidneys of the earth?
2. What has happened to wetlands in B.C. in the last 100 years?

Pages 125- 129

3. Describe what is meant by sustainability.
4. What are resources?
5. What's the difference between habitat loss and habitat fragmentation? Give an example of each.
6. Describe sustainable approaches to city development and forestry practices?
7. What is deforestation? How does it lead to soil degradation?
8. Describe soil compaction and aeration and their effects on soil.

Pages 130-131

9. What is resource exploitation? Give several examples.

10. What is contamination? Reclamation?

11. What is overexploitation? What can it lead to?

Pages 133-134

12. What is traditional ecological knowledge?

13. Why did the Cree burn grasslands in the spring?

Page 136

14. Where does soil and ground water contamination come from?

15. What are biofilms?

16. What properties of biofilms make them good at cleaning up toxic spills?