

Name/Date:

**Social Studies 10**

**Unit 5: Modern Canada: Society, Economy, Rights, and Environment, 1984-2001**

**5F Environmental Issues: Focus on Water**



**Focus Questions:**

- How is global development causing environmental issues and what challenges do they pose for Canada?
- What are the environmental threats to water resources and how can they be addressed?

**Reference:** Counterpoints Chapter 13: Living Standards p. 432-436 (start with a quick read through)

**Image:** Mica Dam, a result of the Columbia River Treaty

**Source:** <http://www.revelstokecurrent.com/>

**Define briefly, with an example if possible**

groundwater

wastewater

aquifer

carbon footprint

**Questions**

1. Examine Figure 13-11 on p. 432. What do you think the difference is between renewable and non-renewable groundwater?
2. Do you agree that increasing populations are the main threat to the world's freshwater supply?
3. What are the main threats to surface water in Canada? What is the main use of water by humans? (p. 433)

4. Complete the following chart on the use of groundwater (p. 432-433)

Benefits

Problems

5. Should Canada treat water as a resource to be traded? (p. 434-435)

6. Which of the solutions to water management do you consider to be the most practical? (p. 436)

7. Examine figure 13-15 on p. 436. What accounts for the difference in the ways countries below the water poverty threshold use water compared to countries like Canada, Australia, and the USA?