Name _____ Date _____

Sediments & Pollution in Waterways

Use the following sections of your text to help answer the following questions.

- Surface water p. 239-240
- Levees and Dams p. 242-244
- Chesapeake Bay Case Study p. 381-382
- 1. What are estuaries, bays, and deltas? What do they have in common?

2. Describe 3 ways that humans have impacted the Chesapeake Bay and the result of the impact.

- 3. Explain how the following would affect the natural (good) removal and deposition of sediments into floodplains and coastal areas.
 - a. Dams:
 - b. Levees:
 - c. Deforestation:

4. We know that too much nitrogen and especially phosphorus can lead to eutrophication and other consequences. Thinking about these consequences, what are two economic impacts from fertilizer running into large bodies of water?