**Hydrosphere Test 2 Review: Water Pollution**

Answer the following questions on your own sheet of paper. Additionally, answer the accompanying Cambridge question using the lines provided. The Cambridge question is due on Wednesday, March 4. The review questions are due with your test on Thursday, March 5. The entirety of this assignment is worth 30 points.

1. What is water pollution and why should we be concerned by it?
2. Differentiate between point and nonpoint sources of water pollution. Provide at least two examples of each.
3. Briefly outline the three main classes of pollutants.
4. What are some of the major concerns regarding pesticides in our water sources?
5. What is synergy and how can it hurt the environment?
6. What are the two main types of human wastewater and where do they come from?
7. How do disease-causing organisms get into our water? Provide one example.
8. What is oxygen demand and how does it relate to eutrophication? Outline the process of eutrophication.
9. What are some concerns associated with heavy metals and how do they get into our water supplies? (Be familiar with the main three heavy metal pollutants.)
10. Describe one way our water can become acidified.
11. How is oil an industrial pollutant and where does oil in our water come from?
12. Briefly describe what happened in the two biggest oil spills in American history.
13. Through what methods can we clean up oil spills? Be specific!
14. Water pollution is not always chemical. Describe one non-chemical form of water pollution.
15. What American legislation protects our water?
16. What differences in water cleanliness exist between MEDCs and LEDCs?