*University of Phoenix Material*

***Water Pollution Worksheet***

**Answer** each of the following questions in 150 to 200 words using the textbooks, the University Library, or other resources.

1. Give an example of an inorganic nutrient pollutant. What is its effect on the aquatic environment? What can be done to control the pollutant?
2. What is a source of heavy metal pollution in water? Give an example of a heavy metal and its effect. How can heavy metal pollution be controlled?
3. Explain the process of sewage treatment. Include primary sewage treatment, secondary treatment, and tertiary treatment. Explain how sewage treatment affects biological oxygen demand (BOD) and why sewage treatment is important for aquatic health.
4. For the following legislation, identify whether it is federal or international legislation and explain how it is meant to control pollution.
5. Federal Water Pollution Control Act (FWPCA) of 1972 and the Clean Water Act of 1977
6. Safe Drinking Water Act of 1972
7. Emergency Planning and Community Right-to-Know Act of 1986
8. Ocean Dumping Ban Act of 1988
9. Marine Protection, Research, and Sanctuary Act of 1972
10. Marine Pollution Convention (MARPOL) Act of 1973
11. Oil Pollution Act of 1990
12. International Drinking Water and Sanitation Decade (1981–1990)