**#1 – 3. Answer only one**

1. Describe the distribution of water on Earth. Where is most of the fresh water located?

2. Explain why fresh water is considered a limited resource.

3. Explain why pollution in a watershed poses a potential threat to the river system that flows through it.

**#4 – 5. Answer only one**

4. Describe the drinking water treatment process in your own words.

5. Describe the benefits and costs of dams and water diversion projects.

**#6 – 10. Answer three.**

6. Explain why point-source pollution is easier to control than nonpoint-source pollution.

7. List the major types of water pollutants. Suggest ways to reduce the levels of each type of pollutant in a water supply.

8. Describe the unique problems of cleaning up groundwater pollution.

9. Describe the source of most ocean pollution. Is it point-source pollution or nonpoint-source pollution?

10. Why is the use of overhead sprinklers for irrigation inefficient? What is a more efficient method of irrigation?

I underdstand the Worldwide Pollution Final Paper is due next Wednesday. \_\_\_\_\_\_

I understand this and next week I need to collect data for the Eutrophication lab we began prior to Spring Break with the three fish tanks. \_\_\_\_\_\_

I understand the Water Pollutants CP on the videos we created in class is next week. \_\_\_\_\_\_\_\_

I understand my *team* will have brainstormed ideas and determined a workable list of solutions to the final Design Challenge. I will turn this list in at the beginning of class next week.

I understand Mr. Rourke has arranged for Dr. Schweitzer, an Environmental Chemistry professor from Oakland University, to speak with us next week on water pollutants.

I understand in two weeks we will be doing on-site water sampling in the Coon Creek. \_\_\_\_\_\_

I understand in two weeks we will begin constructing our Design Challenge. \_\_\_\_\_\_\_\_