1. Describe the steps in wastewater treatment. Refer to my website for help if you need it.
2. Define point and non-point sources of pollution and list possible examples.
3. Why is it necessary to remove nitrogen-containing compounds from wastewater before dumping the wastewater back into natural waterways?
4. What does an increase in the temperature of a liquid (such as water) do to the solubility of a gas (such as oxygen)?
5. What do you predict happens to the cost per unit pollutant as the concentration of said pollutant is reduced? (Increase/decrease)
6. T or F: Wastewater treatment plants aren’t able to remove pharmaceuticals they may be dissolved in the water.
7. What’s the largest aquifer in the western part of the US?
8. Which practice uses the most freshwater in the US?
9. What is greywater? (Check out the greywater recycling video on my website-under “Wastewater Treatment”)
10. What is LD50?
11. Which is the most lethal LD50?
	1. 0.5 mg/kg
	2. 10 mg/kg
	3. 100 mg/kg
	4. 3000 mg/kg
12. What’s the difference between a confined and an unconfined aquifer?
13. Over-pumping from an aquifer near a saline body of water may cause a\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.