**The Fish Kill Mystery**

1. What was the first indication to Susan and her friends that there was a problem?
2. What is the relationship between temperature and dissolved oxygen in a water system?
3. What levels of dissolved oxygen are considered harmful?
4. How does Mark describe the turbidity of the water at the site?
5. Why are estuaries so important?
6. How does oxygen depletion affect fish and other organisms?
7. What is *nutrient influx*? What do you think causes *nutrient influx*?
8. What are the results of *nutrient influx*?
9. What is *pfiesteria*?
10. Describe some of the variations in the microscopic forms of pfiesteria.
11. What happens to fish that are exposed to *pfiesteria*?
12. Is *pfiesteria* harmful to humans? If so, how?
13. Nutrient influx that is harmful to the environment is considered a form of pollution. Do you think the EPA (Environmental Protection Agency) should have regulations regarding this type of pollution? Explain.