

● Monitoring Red Tides

Answer the following questions using information from the textbook.

1. What causes a “red tide”? _____

2. How can dinoflagellates cause illness or even death in humans? _____

3. What type of water conditions usually cause a red tide? _____

4. How do dinoflagellates survive such water conditions? _____

5. What causes a red tide to spread for hundreds of miles along a coastline? _____

6. What type of sampling do scientists with the National Marine Fisheries Service conduct?

7. When would these scientists warn the public to avoid eating fish or shellfish from a certain area? _____

8. Is sampling an effective method of monitoring red tides? Explain. _____

9. How are satellites used to monitor the spread of red tides? _____
