## Teacher Answer Key

**Case Study**

1. Elevated nitrogen and phosphorus levels from industrial discharge fueled the algal blooms.

2. Facing the prospect of fines and regulatory consequences, the plants found it more cost-effective to install improved treatment systems than to risk noncompliance.

**Multiple Choice**

1. B

2. D

3. C

**Matching**

1-C, 2-D, 3-B, 4-E, 5-A

**Fill-in-the-Blank**

1) airborne, 2) Regulatory, 3) market-based

**Short Answer (Sample Responses)**

Q1: Citizens can report violations, lobby elected officials, participate in public hearings, and support legal action that enforces or challenges environmental regulations.

Q2: Compliance might entail high costs or be seen as threatening to jobs and local industries, leading some to push back against stricter rules.

Q3: Officials look at improvements in environmental quality indicators (such as reduced emissions or fewer polluted waterways) and track trends in public health outcomes related to pollution.