

Student Quiz

Understanding Water Clarity

1. Which of the following statements is false?
 - A) Secchi depth provides an estimate of water clarity.
 - B) Secchi depth is usually recorded in centimeters (cm).
 - C) Water with a Secchi depth of 125 cm is clearer than water with a Secchi depth of 175 cm.
 - D) None of the above.
2. How can reduced water clarity negatively affect aquatic life?
 - A) By limiting the amount of light available for photosynthesis
 - B) By leading to lower dissolved oxygen concentrations
 - C) By suffocating fish and oysters
 - D) All the above
3. Water clarity can be reduced by which of the following?
 - A) Heavy rainfall
 - B) High winds
 - C) Extreme tides
 - D) All the above
4. Algal blooms reduce water clarity by absorbing light at the water's surface.
 - A) True
 - B) False
5. Which of the following human activities contribute to sediment pollution?
 - A) Boating
 - B) Dredging
 - C) Development
 - D) All the above
6. How can nutrient pollution reduce water clarity?
 - A) By increasing suspended sediment concentrations
 - B) By limiting the amount of light available for photosynthesis
 - C) By increasing the growth of phytoplankton and the occurrence of algal blooms
 - D) All the above