

Chapter 17: Water Quality and Conservation Quiz

(revised 11/2025)

Question		Answer
<p>1. Water _____ standards are regulations that set criteria for a water body's health.</p> <ul style="list-style-type: none"> a. cleanliness b. solubility c. flow d. quality 		
<p>2. Runoff from wide areas such as parking lots, farms, yards, stream banks, etc. is called non-point source pollution.</p> <ul style="list-style-type: none"> a. True b. False 		
<p>3. Chemical-laden water coming out of a pipe leading out of a factory illustrates an example of _____ pollution.</p> <ul style="list-style-type: none"> a. turbidity b. inflorescence c. point source d. erosion 		
<p>4. One Water Contamination Mechanism is when surface water leaches a pollutant into ground water.</p> <ul style="list-style-type: none"> a. true b. false 		
<p>5. _____ is responsible for administering state laws and regulations to improve and protect Virginia's streams, rivers, bays, wetlands and ground water for aquatic life, human health and other beneficial water uses.</p> <ul style="list-style-type: none"> a. Local citizens b. EPA c. Virginia Department of Environmental Quality d. Governor 		
<p>6. Sediments in stormwater are comprised of either organic and/or inorganic solid particles and are the most common pollutant in waterways.</p> <ul style="list-style-type: none"> a. True b. False 		
<p>7. Temperature affects the oxygen-carrying capacity of water.</p> <ul style="list-style-type: none"> a. True b. False 		

<p>8. A water-wise landscape design utilizes water effectively by the following methods EXCEPT</p> <ul style="list-style-type: none"> a. reducing runoff erosion b. increasing lawn areas c. healthy soil and plants d. limiting areas of high irrigation 		
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WATER QUALITY QUIZ continued

<p>9. _____ Examples of water quality standards include all of the following EXCEPT</p> <ul style="list-style-type: none"> a. Suspended solids b. Nutrients c. Dissolved Oxygen d. Chemical processes 		
<p>10. Stormwater best management practices include structural methods that capture and filter runoff, and nonstructural methods like public education that prevent pollutants from entering stormwater runoff.</p> <ul style="list-style-type: none"> a. True b. False 		
<p>11. Rockbridge County is in the James River watershed which is in the Chesapeake Bay drainage basin.</p> <ul style="list-style-type: none"> a. True b. False 		