

Hiwassee River Basin – Water Quality Questionnaire

1. What is the biggest pollution problem for streams in the Hiwassee River basin?
 - (a) too much trash
 - (b) toxic chemicals
 - (c) excess sediment**
 - (d) wastewater treatment plant discharges
2. Which of the following is generally not a problem for streams and lakes in the Hiwassee River basin?
 - (a) high water temperatures
 - (b) toxic chemicals**
 - (c) excess nitrogen and phosphorus
 - (d) elevated suspended sediment levels during rain events
3. What is the biggest pollution problem for lakes in the Hiwassee River basin?
 - (a) too much trash
 - (b) toxic chemicals
 - (c) excess sediment
 - (d) excess nutrients (nitrogen & phosphorus)**
4. Wooded riparian buffers are important because they:
 - (a) filter pollutants from runoff
 - (b) provide habitat
 - (c) help control bank erosion
 - (d) all of the above**
5. Which of the following is the least important practice to protect water quality during construction?
 - (a) putting up black silt fence**
 - (b) leaving a vegetated buffer strip along all waterways
 - (c) disturbing small amounts of land at a time
 - (d) stabilizing disturbed areas as soon as possible after grading is complete
6. Which of the following is a true statement about construction activities?
 - (a) Most local contractors and developers don't care about the environment.
 - (b) The landowner has no responsibility to insure that erosion doesn't happen during home construction.
 - (c) If there is no stream on the property, construction activities aren't likely to cause water quality problems.
 - (d) The law says that best management practices must be in place to control erosion regardless of the size of the construction site.**
7. Which of the following is not considered an impervious surface?
 - (a) rooftop
 - (b) lawn**
 - (c) road
 - (d) driveway
8. What should be a primary goal associated with development if water quality is to be protected?
 - (a) there should be large lawns that are as green and weed-free as possible
 - (b) make sure as little water as possible runs off the house or building site**
 - (c) there should be as much pavement as the project budget will allow
 - (d) make sure all the water runs to a storm drain as quickly as possible

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9. When will the United States use up all of its groundwater resources?
- (a) 80 years
 - (b) 200 years
 - (c) never
 - (d) we don't know**
10. Which of the following is not a practice that will help insure a sufficient amount of clean groundwater?
- (a) leaving plenty of wooded areas and pastures dispersed throughout the landscape
 - (b) collecting runoff in pipes and discharging it to a stream at a central point**
 - (c) properly installing and maintaining a septic system
 - (d) conserving water in our daily lives
11. Which of the following is not a concern for water quality associated with managing livestock?
- (a) allowing livestock free access to streams
 - (b) overgrazing the pasture
 - (c) feeding livestock hay in the winter
 - (d) there are water quality concerns associated with all aspects of managing livestock**
12. Which of the following is a true statement about forestry practices?
- (a) It is impossible to conduct logging activities without negatively impacting water quality.
 - (b) Most loggers don't care about the environment.
 - (c) When water quality guidelines and forestry best management practices are followed, trees can safely be harvested.**
 - (d) There are no laws concerning timber-harvesting activities.
13. Which of the following is the least important practice to protect water quality during timber-harvesting activities?
- (a) putting up black silt fence**
 - (b) leaving a vegetated buffer strip along all waterways
 - (c) harvesting small amounts of land at a time
 - (d) stabilizing disturbed areas as soon as possible after harvesting is complete
14. Which of the following is a true statement concerning economic development and natural resources?
- (a) Growth must be stopped or significantly slowed in order to protect natural resources.
 - (b) Communities that make natural resource protection a priority provide a better quality of life and usually thrive economically.**
 - (c) There is no link between economic development and natural resource protection.
 - (d) When a community makes natural resource protection a priority, economic development suffers.
15. Which of the following is a true statement concerning sustainability and natural resource protection?
- (a) Sustainability can only be achieved through a combination of land protection and conservation on working lands.**
 - (b) We will have to purchase and set aside more and more land in order to achieve sustainability and natural resource protection.
 - (c) The United States can achieve sustainability with its current rate of natural resource consumption and current land use practices.
 - (d) Individuals' activities don't have any influence over sustainability and natural resource protection.