



## Team Hellbender December Quiz Riparian Areas

1. Which of the following is not a benefit of forested riparian buffers?
  - a. Water filtration
  - b. Sediment removal
  - c. Food source for aquatic organisms
  - d. Act as an insulator to warm water
2. What animals depend on functioning riparian buffers?
  - a. Deer
  - b. Trout
  - c. Humans
  - d. All of the above
3. What should you **never** do in a riparian area?
  - a. Mow or remove vegetation
  - b. Plant trees
  - c. Hike
  - d. Remove invasive species
4. What is one way riparian areas can reduce flooding?
  - a. Act as a barrier to hold water in.
  - b. Make the water run faster.
  - c. Act as an area for water to spread out and reduce energy.
  - d. Filter the water.
5. What is one purpose of having trees and shrubs in a riparian area?
  - a. The roots can hold soil in place.
  - b. Leaves provide a food source for aquatic organisms.
  - c. The plants use/filter nutrients instead of letting them run into the stream.
  - d. All of the above.