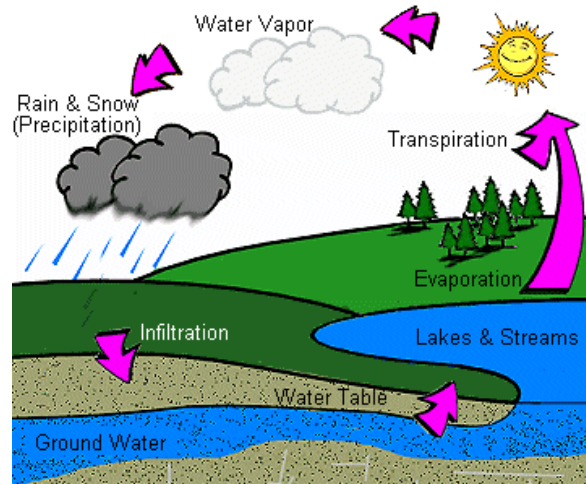


## Riparian Worksheet

Name: \_\_\_\_\_

Date: \_\_\_\_\_



<http://dnr.wi.gov/org/caer/ce/ee/earth/groundwater/images/groundwater.gif>

## Pros and Cons of Plant Types:

- Trees-**
- a) Absorbs and filters greatest amount of water.
  - b) Provide largest amount of shade to ecosystem.
  - c) Creates largest amount of habitat from one plant.
  - d) Puts up most resistance to flood waters and debris.
  - e) Tallness limits visibility.

- Shrubs-**
- a) Provides beneficial amount of absorption and filtration of water.
  - b) Much lower to ground than trees, this is good in urban areas.
  - c) Provides a limited amount of habitat.
  - d) Can be used as ornamental landscaping.

- Flowers-**
- a) Provides minimum water absorption or filtration
  - b) Provides food and habitat to animals and insects.
  - c) Mostly of aesthetic value.

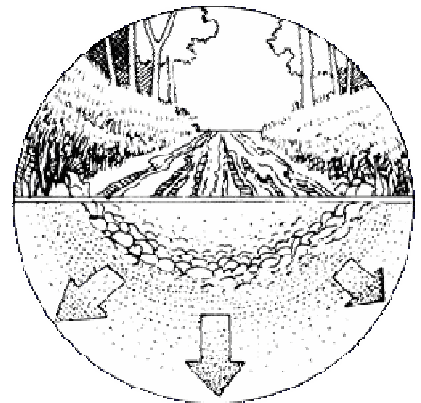
1) How do riparian buffer zones reduce/control flooding?



2) How do riparian buffer zones improve water quality?



3) How do riparian buffer zones increase capacity for water storage?



4) Why is the shade created by riparian buffer zones important?