1. ecosystem  
   plants and animals that interact with each other and their environment to survive

2. ecology  
   study of ecosystems

3. photosynthesis  
   plants use sunlight to create energy and produce their own food

4. producers  
   plants make food for themselves and other organisms

5. consumers  
   eat plants and other consumers

6. food chain  
   path of energy and nutrients through a community

7. pollution  
   addition of harmful substances to the environment
8. point source pollution
comes from specific source, such as pipes, smoke stacks, etc.

9. nonpoint source pollution
comes from many different sources, such as road salt, manure in fields, pet wastes, etc.

10. watershed
all of the land area which drains into a particular body of water

11. water resources
ponds, lakes, oceans, streams, wetlands, etc.

12. stormwater runoff
rain water washes over land, picking up nonpoint source pollution and carries it into streams, rivers, and lakes

13. hydrologic cycle
water cycle…process by which water in environment is constantly recycled and purified…evaporation, condensation, transpiration, precipitation
14. macroinvertebrate 14. organism without a backbone and can be seen without microscope

15. riffle 15. shallow part of stream that flows more rapidly over rocks or large stones

16. riparian buffer 16. plants along sides of stream or other body of water…they help keep soil and pollution from washing into the water

17. flood plain 17. strips of land next to a stream or other body of water where extra water goes during heavy rain storms

18. erosion 18. soil is taken away from the surface of the ground by glaciers, water, or wind

19. sediment 19. surface of ground; it is pollutant when it makes its way into a body of water

20. turbidity 20. measure of suspended sediment and algae in rivers, streams, and lakes. A cloudy or muddy stream is turbid.
21. water filtration  21. method of cleaning water

22. conservation  22. careful use of resources so they will last longer

23. pollutant  23. harmful substance in the environment

24. scrubber  24. device attached to smokestack to remove sulfur dioxide

25. recycle  25. to reuse a resource

26. acid rain  26. rain that has acid in it
27. alternative energy source
27. energy source other than a fossil fuel

28. renewable resource
28. resource that can be replaced within a reasonably short period of time

29. nonrenewable resource
29. resource that cannot be replaced easily