**River Basin Scavenger Hunt**

\*\*Answer all questions using complete sentences.

1. Name 2 issues that led to public interest in rivers and river basins.
2. Which organism killed millions of fish in coastal waters?
3. Land that water flows across or under on its way to a river is called \_\_\_\_\_\_\_\_\_\_\_\_.
4. Where does the water go after it falls into a river basin?
5. Describe the difference between a river basin and a watershed.
6. Describe the possible path water takes in an individual watershed.
7. Can more than one watershed be found in an individual river basin? Justify your answer.
8. Do you live in a river basin? If so, which river basin do you live in?
9. What does water transfer as it moves downstream?
10. The quote, “the health of an aquatic ecosystem is directly related to activities on land,” refers to an aquatic ecosystem. What is an aquatic ecosystem?
11. What is the name of the largest river basin in NC? …smallest river basin in NC?
12. What is an ecological address? What are the 9 components of your ecological address?
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22. Where does the water from a storm drain flow to?
23. What is topography?
24. What is a floodplain?
25. What is a wetland?
26. How do wetlands help to regulate water flow?
27. Where do you get your drinking water?
28. How do contaminated soils affect your drinking water?
29. What is biodiversity?
30. What does the term permeable mean?
31. What does the term impermeable mean?
32. What is a river, according to the section entitled “The Ecosystem Connection”?
33. What state of water quality is indicated by a large variety and large number of aquatic organisms?
34. How does sediment affect the water quality?
35. Why are more humans vulnerable to flooding?
36. How has urban development reduced the land’s ability to absorb runoff?
37. Discuss the Clean Water Act of 1972.
38. What is a point source pollutant? A non-point source pollutant?
39. What grows in water because of excess nutrients, thus resulting in the death of masses of fish?
40. How can the flow of storm water be controlled?
41. Name 4 ways that citizens are making a difference in their communities.