

Environmental and Natural Resources
Water Analysis Scorecard

1. How many Acres are in the watershed for the stream point we are sampling today?
 - a. 2.3
 - b. 29.19
 - c. 20
 - d. 291.9
 - e. 150

2. What is the main land use by volume of acres in the watershed?
 - a. Tree Farm
 - b. Row Crop
 - c. Housing Additions
 - d. Forest
 - e. Pumpkin Patch

3. Of the options below which of these is NOT a potential point source pollutant in this watershed?
 - a. Septic system outflow
 - b. Lawn fertilizer run off
 - c. Dumping an oil change pan into the creek
 - d. Sub surface drainage tile outlet
 - e. Fertilizer tank spill

4. Of the options below which of these is NOT a potential Non-Point source pollutant in this watershed?
 - a. Animal Waste Pond Storage leak into creek
 - b. Fertilizer runoff from the row crops
 - c. Oil coming from the parking lot
 - d. Lawn fertilizer runoff
 - e. Herbicide runoff from row crop fields

5. Select a type of land use in this watershed that would contribute to lower water temperatures in the stream.
 - a. Row Crop Farming
 - b. Parking Lots
 - c. Forest/Timber production
 - d. Grazing
 - e. Roads

6. What land use in this watershed would NOT contribute to high E.coli counts in our water sample from the creek?
 - a. Non grazed forest land
 - b. Row crop fertilized with manure
 - c. Failing septic systems
 - d. Over grazed pasture with animals in creek
 - e. E. Animal Waste Storage Pond

7. Of the water quality analysis test below which one cannot be taken on site?
- a. Nitrites
 - b. Nitrates
 - c. E. Coli
 - d. pH
 - e. Temperature
8. What is the major land use at the outlet of the watershed for the stream we are testing?
- a. Row crop
 - b. Pasture
 - c. Housing addition
 - d. Christmas Tree Farm
 - e. Drive in Movie Theatre
9. Of the water quality analysis test below which one can be taken on site?
- a. E. Coli
 - b. Nitrate
 - c. Temperature change over time
 - d. Biochemical Oxygen Demand
 - e. Heavy Metals
10. If the Fish in the stream all die what would be the one limiting factor that could cause that.
- a. Food
 - b. Turbidity
 - c. Temperature
 - d. Low Dissolved Oxygen
 - e. Too many big fish

What is the sample's nitrate level? 0

What is the sample's temperature? 42°

What is the sample's pH level? 7.5