

Environmental and Natural Resources

Water Analysis

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. None of the Above
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. 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