

Names: \_\_\_\_\_

Explain the effect of hog and chicken farming on Lake Tenkiller as we discussed in class. Be sure you discuss biogeochemical cycling, inorganic and organic nitrogen and phosphorus, bacteria, algae and cyanobacteria, oxygen and the shape of the curves we examined in class (chlorophyll-a vs. distance from “start” of lake. To earn additional points tie the concepts mentioned here to photosynthesis, cellular respiration, population growth, DNA and protein composition and mitosis