

What is Erosion & Sedimentation

Student Information Packet Questionnaire

Part I

Answer the following questions after reading ‘What is Erosion and Sedimentation’, pages 3-7 of the [Student Information Packet](#)

1. What is the difference in how a large canyon is formed versus how a gully on land that is bare of vegetation is formed?
2. What are some of the negative costs associated with allowing accelerated erosion and sedimentation to occur?
3. What is a Best Management Practice (BMP) that agriculture, forestry, and construction all have in common?
4. What protects against splash erosion, or erosion caused by raindrops hitting bare ground and knocking soil particles apart?
5. What are the three land disturbing activities that are exempt/partially exempt under the act? Bonus: What is the fourth exemption?

Part II

Write 3-5 body paragraphs with proper citations for the following prompt:

Choose one of the three exempt activities of the Sedimentation Pollution Control Act (SPCA). Explain what the exemption is, if there are any other requirements/guidelines/laws they must follow since they are exempt, why they are exempt, and if you believe they should/shouldn't be exempt and why.

* Start with the information in the ‘Full Rules and Regulations’ linked in the Student Information Packet. Another good place to find resources to address these questions is <http://deq.nc.gov/E&SC>*

