Stormwater Science

Part 3.2

Follow this worksheet as you watch the BEMP Stormwater Science Part 3.2 video. This video will go over how the different parameters might change AFTER a storm event in our imaginary watershed model.

1. How did we define **nonpoint-source pollution**?
   a. Pollution that comes from a single place/source
   b. Any type of pollution
   c. Pollution that comes from many places/sources

2. In general, would you predict the **turbidity** to go up, down or stay the same AFTER a storm event? Why?

3. In general, would you predict the **dissolved oxygen (DO)** to go up, down or stay the same AFTER a storm event? Why?

4. Do you think stormwater can impact the amount of fish biodiversity found in the Rio Grande? Why or why not?
   a. Yes, the amount of fish species could decrease because of the input of stormwater into the river.
   b. Yes, the amount of fish species could increase because of the input of stormwater into the river.
   c. No, the amount of fish species is not impacted by storm events.

5. What are the three main sources of E. coli in the Middle Rio Grande based on the previous chart?

6. Can you think of any solution(s) to reduce the amount of oil and gasoline that goes down the storm drains?

7. Do you know a reason why all these antibiotics and other medicines end up in the Rio Grande water?

    a. People flush their expired medicine down the toilet.
    b. People throw their expired medicine directly into the Rio Grande.
    c. Stormwater pushes all this medicine down the storm drain all the way into the Rio Grande.

8. How can YOU help reduce the amount of compounds found downstream of Albuquerque or any other big city?