

Name: _____

Date: _____

Where Does All the Water Go? Activity – Where Does the Water Go? Worksheet

Instructions

Answer each groundwater question below in as much detail as possible.

1. Describe what happened when the food coloring (a pollutant) was spilled in the lake.

2. Which soil – the gravel or the sand – did water flow through more quickly?

3. Which soil – the gravel or the sand – had the highest permeability?

4. How much time did it take for the food coloring to move across the entire length of the tank?

5. What is the length of the tank?

6. What is the velocity of the groundwater flow in this model?
(Recall that velocity = distance / time)
