

# FROM FLUSH TO MUSH

Have you ever wondered what happens after you flush the toilet? Well, let's try an experiment with soil to find out!

1. Start with an empty clear jar or baggie
2. Collect a handful of wet, brown soil and firmly form it into a log shape
3. Place into the container and fill it 3/4 the way up with clean water.
4. Shake the container until it dissolves into a brown soup.

This is what your waste looks like after its long, underground journey to the wastewater treatment center! Imagine how hard it will be to clean that water...

At F. Wayne Hill WRC, there are many filtering processes that remove all the solids from your wastewater. The first step in cleaning the dirty wastewater is to remove the solids that settle on the top and bottom – just like the dirt at the top and bottom of your muddy water after it settles. After that step, the water is filtered, re-filtered, and filtered yet again!

What could *you* use to filter the tiny dirt particles from your dirty water? Have fun being a **Junior Hydrologist** as you clean up water!

