

EXPLORING AQUIFERS (APPROPRIATE FOR ALL AGES)

Warning: You may get wet and dirty! Be prepared.

Visitors will be given a clear plastic 2 liter soda pop bottle with the bottom 2/3 cut off. With the help of diagrams, you will then briefly discuss aquifers and how the earth helps purify our water. They will then be asked to construct their own aquifer using materials provided. Materials might include different kinds of dirt, sand, rock of various sizes, leaves, twigs, mulch, charcoal, etc., Visitors can use as many or as few of these materials as they wish. The figure below shows a sample aquifer.

Aquifers will be tested using specially prepared water (containing small particles, dye, oil, etc.) to see how well they remove contaminants.

After testing, you will discuss the results with the visitor. You will ask them how they think floods impact the quality of our water.

