

# New tools available for Source Water Protection

**K**RWA's Source Water Technician Jim Jackson has been a leader in assisting the communities of Eudora, Lyons, St. Paul, White City, Jewell County, and Franklin RWD 6 in the development of source water protection plans. The plans inventory source water threats and then monitor and protect those essential community assets. Osage RWD 4 and the city of DeSoto are also on the list for future plan development. Jim now has a pair of new educational tools to assist in educating residents and community school-age children about the procedures for developing and benefits of a source water protection plan.

Local community leaders serve on a planning team that works with community residents to protect the drinking water supply by developing and carrying out a source water protection plan. The brochure pictured on the page is now available to help those residents understand just how important they are to the process and what exactly are the kinds of risks that create the need for developing a plan. The brochure is designed to be inserted in a utility's customer mailings. It details in a common sense manner the

procedures in developing the plan while graphically depicting how different kinds of common pollutants can make their way into a community drinking water supply.

Education of future community leaders to the importance of protecting source water is a priority for KRWA as well as educating adults.

KRWA has purchased an amazing groundwater flow simulator that demonstrates a complete water cycle by reflowing the water by means of a pump. It recharges the front aquifer compartment illustrating groundwater flow through the face of the module. The water then discharges to the stream or ocean, completing the cycle. The simulator is a hands-on visual aid that takes difficult groundwater concepts and makes them understandable to people of all ages.



Jim Jackson demonstrates KRWA's new groundwater flow simulator module for a couple of young participants of the Lyons Water Festival on September 8.

*The Kansas Rural Water Association will be pleased to help with any water festival or educational program where water education could play a part. Contact Jim Jackson directly at 785/799.6103 if you would like more information about a source water protection plan for your community or for a groundwater simulator education display at a school or community activity.*