

WEST VIRGINIA SOURCE WATER PROTECTION GROUNDWATER FLOW MODEL LOAN PROGRAM (GFMLP) FACT SHEET

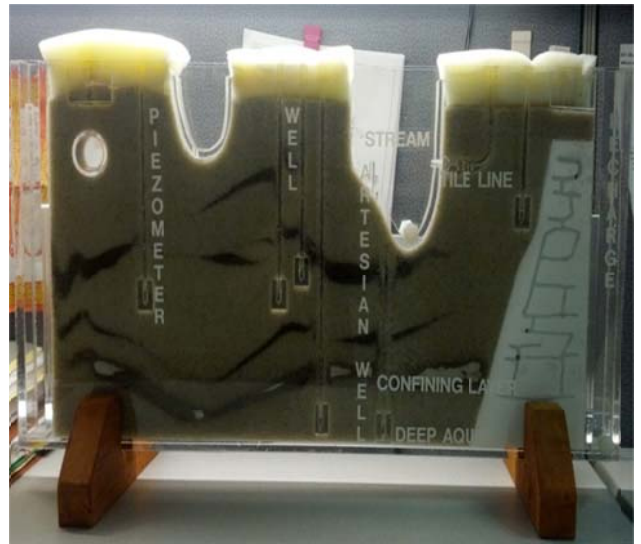
West Virginia Department of Health and Human Resources Source Water Assessment and Protection Program (SWAP) has developed the Groundwater Flow Model Loan Program (GFMLP) to loan groundwater flow models to local water resources partners within West Virginia, such as:

- Local Health Department staff
- Public Water System Operators
- Watershed Coordinators
- Science Teachers.

GFMLP is to help educate the community about the importance of protecting its drinking water supplies and public water systems can utilize the GFMLP when developing and implementing their community's Drinking Water Source Protection Plan.

Each GFMLP is equipped with a groundwater flow model that demonstrates the behavior of ground water, movement of contamination, and the relationship of ground water to surface water.

GFMLP can be used to provide support in presentations to public meetings, civic organizations, community festivals or events, scout programs, and others to educate West Virginia about the importance of protecting their source of drinking water and how water as well as contaminants migrate through the environment and discharge into lakes, streams, and ground water wells.



Groundwater Flow Model

Groundwater is an important source of drinking water in West Virginia and is vulnerable to contamination from local land use activities. Because these contaminants can cause detrimental health effects, it is important for the public to be aware of how to protect their groundwater supply.

Interactive teaching tools such as a ground water simulator have been very effective in demonstrating the impacts of point and nonpoint source pollution to water resources.

Please contact us if you have any questions concerning the Groundwater Flow Model Loan Program:
Scott Rodeheaver
350 Capitol Street, Room 313
Charleston, WV 25301-3713
Phone - (304) 356-4270
Fax - (304) 558-4322



BUREAU FOR PUBLIC HEALTH
**ENVIRONMENTAL
HEALTH SERVICES**
West Virginia Department of Health and Human Resources