

Maps of selected site locations

United States Geological Survey Topographic Maps of the 30 x 60 minute series of 1:24,000 scale maps will be used to chart each monitor's exact site location. Maps are available to provide locations of each monitoring site. The site location information will be entered into the program's personal computer database software and is used to target specific monitoring locations and location of pollution problems. Upon approval, other available GIS or mapping software can also be used.

Rationale for site location



The program will target the areas of West Virginia where severe nonpoint source pollution problems have been identified. Then, training workshops will be held to encourage participants to adopt streams in those areas. The stream monitoring program serves as a means to demonstrate pollution problems and how to monitor and restore water quality. Dozens of workshops have been held around the state that target watersheds impacted by nonpoint source pollution and are rated as high priority watersheds by the state. At each workshop, participants were educated on nonpoint source pollution with a specific focus given to regional problems.

Although workshop attendees are not assigned exact monitoring locations, they are encouraged to select sampling locations that are crucial to documenting nonpoint source problems. These identified sites had a high potential for impact from nonpoint source pollutants. Monitors will be asked to map their watershed and select their station location(s) based on what land uses exist in the area and what parameters they are interested in testing for. In addition, participants who are interested in monitoring a stream that has been damaged by development, agricultural runoff or other pollution sources are encouraged to monitor both above and below the site. To

begin with, however, participants are encouraged to monitor one location and then add additional locations, as they become more comfortable with the monitoring technique.