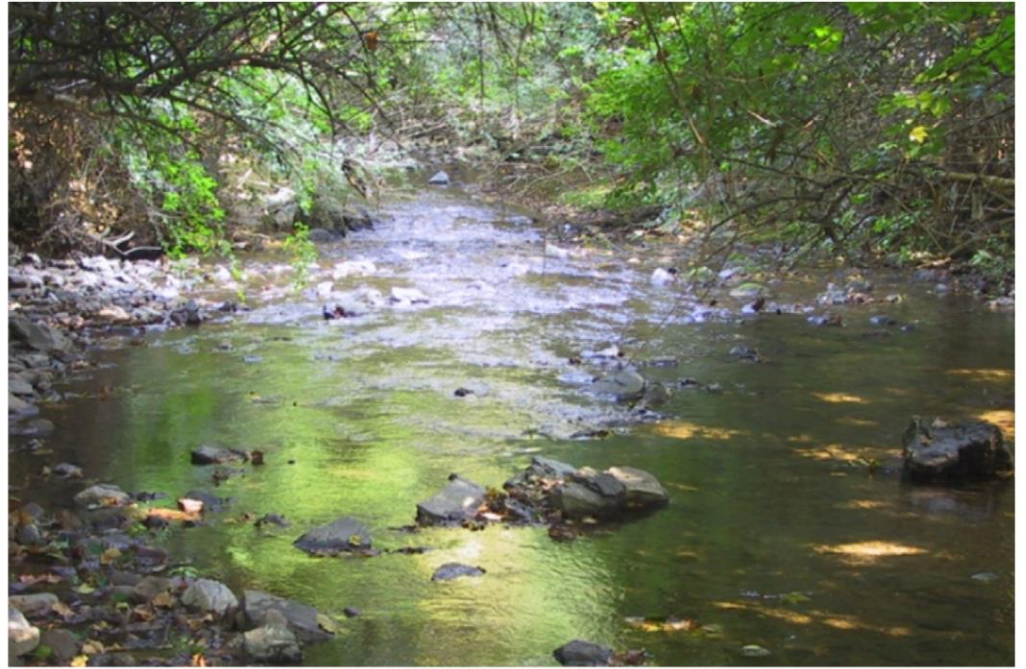


SOURCE WATER PROTECTION

EXPERTISE

- Enhanced Time-Of-Travel Analysis for Surface Sources
- 3-D Geological Framework Mapping
- Surface Reservoirs Modeling
- Groundwater Flow Tracking
- Resource Extraction Mapping
- PSOC Database Maintenance
- Land use/Non-point Source Analysis
- Education Materials
- Emergency Response Liaison
- GIS Integration
- Watershed Consulting



Protecting our Water Resources

SSM is committed to providing water systems the tools needed to protect their precious water supply through a variety of consulting services.

Before you can protect drinking water, you need to know its source. The first step in developing a source water protection plan is verifying the source for the water supply. Once confirmed, we work closely with the water supplier and community representatives to identify ways of protecting these areas.

We characterize potential sources of contamination, develop protective management strategies, plan for emergencies, and provide new water supply options. Our professionals delineate protective zones around each well or surface water intake to show the areas that contribute to the drinking water supply and educate stakeholders on watershed improvement.



Data + Infrastructure + Buildings + Environment
ssmgroup.com



Why is source water protection important?

Public Health Protection

Source water protection plans help minimize threats to public health by keeping harmful contaminants out of the water supply.

Reduced Treatment Costs

Clean water is less expensive to treat and reduces system operation and maintenance costs.

Economic Benefits

Clean and plentiful water will enhance your community's potential to attract employers, maintain a healthy economy, and possibly enjoy the benefits of tourism.

Environmental Stewardship

Protecting water resources will sustain the native ecosystem and improve the quality of life for future generations.

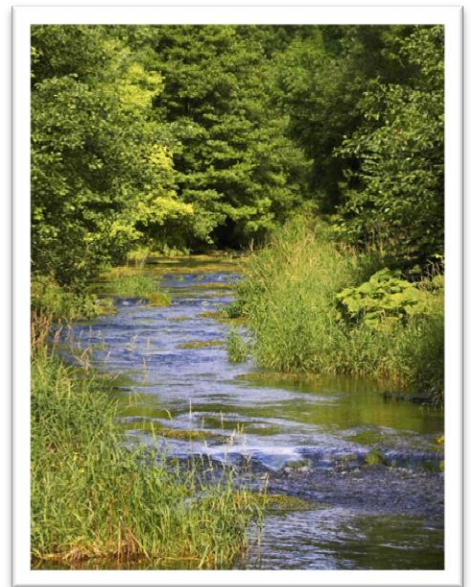


PA DEPT of ENVIRONMENTAL PROTECTION

Source Water Protection Technical Assistance Program

The Source Water Protection Technical Assistance Program (SWPTAP) was created by the Pennsylvania Department of Environmental Protection (PA DEP) to help community water systems protect their drinking water. In conjunction with PA DEP, SSM assists water systems in developing source water protection plans.

Our professionals delineate protective zones around each well or surface water intake to show the areas that contribute to the drinking water supply, working closely with the water supplier and community representatives to identify ways of protecting these areas. Our team identifies potential sources of contamination, develops protective management strategies, plans for emergencies, and identifies new water supply options. Our ultimate goal is to protect the source for future generations.



EASTERN PA SCHUYLKILL WATERSHED

Watershed Collaboration

SSM has been a key contributor to the Schuylkill Action Network (SAN), a collaborative network designed to share information, expertise, and technology to help achieve a shared vision of clean water and a healthy environment for the Schuylkill River and its tributaries.

SSM participates as the Chair of the Agricultural Workgroup, a member of the Planning Committee, and provides technical assistance in GIS geodatabase development and data collection with the Partnership for the Delaware Estuary.

In 2013, SSM received SAN's coveted "Community Partnership" award for their continued dedication to advancing the Source Water Protection message.