

STATEMENT OF PURPOSE

The specific purpose of this study was to:

1. Determine all sources of acid mine drainage pollution in the Mahanoy Creek Watershed.
2. Determine the extent and severity of pollution contributed to Mahanoy Creek and its tributaries from both active and abandoned mines.
3. Define the areas disrupted by surface and deep mining activities.
4. Evaluate and develop the most efficient and applicable abatement techniques to reduce or eliminate, where practicable, acid mine drainage pollution.
5. Present cost estimates of abatement procedures (see 4. above) and establish implementation priorities incorporating esthetic and socio-economic criteria in addition to abatement cost effectiveness.