## WATER QUALITY MONITORING JOINT VENTURE 1

Len Lichvar<sup>2</sup> and Eric Noll

Abstract: The Somerset Conservation District has initiated and secured funding for a "Water Quality Monitoring Joint Venture" in cooperation with the United State Geological Survey (USGS) and the Kiski-Conemaugh Stream Team. The project monitors every watershed in the county. The effort involves the use of current and retrofitted monitoring sites and in stream data loggers. These high tech devices will measure for elevated levels of Total Dissolved Solids (TDS) and other data to create an early warning detection system of potential water quality impairments from mining and other extractive activities.

<sup>&</sup>lt;sup>1</sup> Paper was presented at the 2010 National Meeting of the American Society of Mining and Reclamation, Pittsburgh, PA *Bridging Reclamation*, *Science and the Community* June 5 - 11, 2010. R.I. Barnhisel (Ed.) Published by ASMR, 3134 Montavesta Rd., Lexington, KY 40502.

<sup>&</sup>lt;sup>2</sup> Eric Noll is the Somerset Conservation District's Aquatic Biologist