

**Problems:** Acid mine drainage has caused significant water quality problems in the North Fork of the Powell River. Erosion has also become a huge concern because of mine spoil that was left without any protective vegetation for years.

**Purposes:** The Natural Resources Conservation Service is developing a watershed plan to 1) improve water quality in the North Fork of the Powell River Watershed by treating abandoned mine lands, 2) improve fish and aquatic organisms' habitat, and 3) improve riparian areas.

**Benefits:** The plan identifies the best treatment systems for acid mine drainage, revegetating critically eroding areas, and reducing pollution in the North Fork of the Powell River. The plan will focus on problems in the Straight, Ely, Puckett, Reeds, and Jones creeks and others that drain into the North Fork of the Powell River. With this information, sponsors can seek funds to fix the problems.

**Sponsors:** Daniel Boone Soil and Water Conservation District, Lee County Board of Supervisors, and the Virginia Department of Mines, Minerals, and Energy.

### Identifying the Problems



**Erosion and Sedimentation**  
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**Polluted Streams**  
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**Abandoned Mine Portal**  
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**Acid Mine Drainage from Abandoned Mining Operations**  
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