U.S. Department of the Interior, Office of Surface Mining Reclamation and Enforcement



Stream Protection Rule

Protection of Hydrologic Balance Surface Water Biological Assessment Surface Water Cations meq/L Anions Groundwate HCO₃ + CO₃ 2 Year Recurrence Precip Interval unoff control structures Monitoring during 2 Mining and Reclamation Corrective 3 **Action Thresholds** (Accepting Comments)



Groundwater

SPRING

Geological Functions

PERCHED AQUIFER

OVERBURDEN

SANDSTONE

COAL.

SHALE

COAL

SILTSTONE

LIMESTONE

Numbered items indicate principal elements analyzed 100-foot riparian corridor must be established along stream if mining disturbs buffer zone





Review of Monitoring Data at 5-Year Intervals



Reasonably Foreseeable

Gro

CHIA 4

Material Damage Definition