TOPIC: REVEGETATION

INQUIRY: What are the revegetation requirements in the following states: Illinois, Indiana, Pennsylvania, Virginia, West Virginia?

SEARCH RESULTS: Research was conducted using the COALEX Library on LEXIS. Statutes and regulations corresponding to the following federal regulations were located for the five states listed above. Copies of the state sections are attached, grouped according to federal regulatory section. Two Federal Register notices of proposed rulemaking for the state of West Virginia are also attached.

Revegetation: General requirements
816.111 - Surface mining
817.111 - Underground mining

Revegetation: Timing
816.113 - Surface mining
817.113 - Underground mining

Revegetation: Mulching and other soil stabilizing practices
816.114 - Surface mining
817.114 - Underground mining

Revegetation: Standards for success
816.116 - Surface mining
817.116 - Underground mining

Revegetation: Use of introduced species
816.112 - Surface mining
817.112 - Underground mining

Revegetation: Grazing
816.115 - Surface mining
817.115 - Underground mining
Revegetation: Tree and shrub stocking
816.117 - Surface mining
817.117 - Underground mining

Prime farmland: Revegetation
823.15

ATTACHMENTS

A. REVEGETATION: GENERAL REQUIREMENTS
   3. INDIANA Admin. Code title 310, r. 12-5-59 (1982). Coal Mining and Reclamation Operations; Performance Standards; Revegetation; General requirements.
   4. INDIANA Admin. Code title 310, r. 12-5-123 (1983). Coal Mining and Reclamation Operations; Performance Standards; Underground mining; Revegetation; General requirements.
   5. 25 PENNSYLVANIA Code Sec. 87.147 (1982). Surface Coal Mines: Minimum Environmental Protection Performance Standards; Revegetation: General requirements.
   6. 25 PENNSYLVANIA Code Sec. 89.86 (1984). Underground Mining of Coal and Coal Preparation Facilities; Reclamation; Performance Standards; Revegetation. [NOTE: This section includes General requirements, Timing, Mulching and other soil stabilizing practices, and Standards for success regulations.]

13. **VIRGINIA** Coal Surface Mining Reclamation Regulations for Operations Disturbing Two Surface Acres or Less; Two Acre or Less Reclamation Manual (1983); Sec. 10.00 Coal Surface Mining Revegetation Guidelines.

14. **WEST VIRGINIA** Code Sec. 4F.01 (1983). General Mining and Reclamation Plan Requirements and Bonding; Revegetation; General.


**B. REVEGETATION: TIMING**


Search conducted by: Joyce Zweben Scall


14. **VIRGINIA** Coal Surface Mining Reclamation Regulations for Operations Disturbing Two Surface Acres or Less; Two Acre or Less Reclamation Manual (1983); Sec. 10.01 Revegetation: Time for revegetation.

C. **REVEGETATION: MULCHING AND OTHER SOIL STABILIZING PRACTICES**


23. **VIRGINIA** Coal Surface Mining Reclamation Regulations for Operations Disturbing Two Surface Acres or Less; Two Acre or Less Reclamation Manual (1983); Sec. 10.02 Revegetation: Soil testing, liming and fertilization.

24. **VIRGINIA** Coal Surface Mining Reclamation Regulations for Operations Disturbing Two Surface Acres or Less; Two Acre or Less Reclamation Manual (1983); Sec. 10.04 Revegetation: Grass and legume mixtures.

25. **WEST VIRGINIA** Code Sec. 4F.02 (1983). General Mining and Reclamation Plan Requirements and Bonding; Revegetation; Minesoil characteristics.

26. **WEST VIRGINIA** Code Sec. 4F.03 (1983). General Mining and Reclamation Plan Requirements and Bonding; Revegetation; Function of annual and biennial cover crops.

27. **WEST VIRGINIA** Code Sec. 4F.04 (1983). General Mining and Reclamation Plan Requirements and Bonding; Revegetation; Development of planting plan.

28. **WEST VIRGINIA** Code Sec. 4F.06 (1983). General Mining and Reclamation Plan Requirements and Bonding; Revegetation; Postmining soil analysis.
29. **WEST VIRGINIA** Code Sec. 4F.07 (1983). General Mining and Reclamation Plan Requirements and Bonding; Revegetation; Minimum requirements of soil amendments.

D. **REVEGETATION: STANDARDS FOR SUCCESS.**


3. **INDIANA** Admin. Code title 310, r. 12-5-64 (1982). Coal Mining and Reclamation Operations; Performance Standards; Revegetation; Standards for success.


5. **25 PENNSYLVANIA** Code Sec. 87.155 (1982). Surface Coal Mines: Minimum Environmental Protection Performance Standards; Revegetation; Standards for successful revegetation.

6. **25 PENNSYLVANIA** Code Sec. 87.156 (1982). Surface Coal Mines: Minimum Environmental Protection Performance Standards; Revegetation: Techniques and frequency of measurement.


8. **25 PENNSYLVANIA** Code Sec. 88.217 (1986). Anthracite Bank Removal and Reclamation; Minimum Environmental Protection Standards; Vegetation: Standards for successful vegetation.


21. **VIRGINIA** Coal Surface Mining Reclamation Regulations for Operations Disturbing Two Surface Acres or Less; Two Acre or Less Reclamation Manual (1983); Sec. 10.05 Revegetation: Inspection for adequacy of vegetation and bond release.

22. **VIRGINIA** Coal Surface Mining Reclamation Regulations for Operations Disturbing Two Surface Acres or Less; Two Acre or Less Reclamation Manual (1983); Sec. 10.06 Revegetation: Follow-up revegetation.

23. **WEST VIRGINIA** Code Sec. 4F.08 (1983). General Mining and Reclamation Plan Requirements and Bonding; Revegetation; Standards for evaluating vegetative cover.

24. **WEST VIRGINIA** Code Sec. 4F.09 (1983). General Mining and Reclamation Plan Requirements and Bonding; Revegetation; Vegetation inspection report.

25. **WEST VIRGINIA** Code Sec. 4F.10 (1983). General Mining and Reclamation Plan Requirements and Bonding; Revegetation; Final inspection report.


**E. Revegetation: Use of Introduced Species**


5. **25 PENNSYLVANIA** Code Sec. 87.149 (1982). Surface Coal Mines; Minimum Environmental Protection Performance Standards; Revegetation: Introduced species.


9. **WEST VIRGINIA** Code Sec. 4F.05 (1983). General Mining and Reclamation Plan Requirements and Bonding; Revegetation: Substitute species.

F. **REVEGETATION: GRAZING**


G. **REVEGETATION: TREE AND SHRUB STOCKING**

1. **ILLINOIS** Surface Coal Mining Land Conservation and Reclamation Act, Sec. 1816.117 (1987). Permanent Program Performance Standards -- Surface Mining Activities; Revegetation: Tree and shrub stocking for forest land.


3. **INDIANA** Admin. Code title 310, r. 12-5-65 (1982). Coal Mining and Reclamation Operations; Performance Standards; Revegetation; Tree and shrub stocking for forest land.

4. **INDIANA** Admin. Code title 310, r. 12-5-129 (1982). Coal Mining and Reclamation Operations; Performance Standards; Underground Mining; Revegetation; Tree and shrub stocking for forest land.


12. **VIRGINIA** Coal Surface Mining Reclamation Regulations for Operations Disturbing Two Surface Acres or Less; Two Acre or Less Reclamation Manual (1983); Sec. 10.03 Revegetation: Trees and shrubs.

H. PRIME FARMLAND: REVEGETATION

1. **ILLINOIS** Surface Coal Mining Land Conservation and Reclamation Act, Sec. 1823.15 (1987). Special Program Performance Standards -- Operations on Prime Farmland; Prime farmland; Revegetation.

2. **25 PENNSYLVANIA** Code Sec. 87.181 (1982). Surface Coal Mines: Minimum Environmental Protection Performance Standards; Prime farmland; Revegetation.

3. **25 PENNSYLVANIA** Code Sec. 89.134 (1982). Underground Mining of Coal and Coal Preparation Facilities; Prime Farmlands; Performance Standards; Revegetation.


6. **WEST VIRGINIA** Code Sec. 4G.06 (1983). General Mining and Reclamation Plan Requirements and Bonding; Prime Farmland; Revegetation.

I. FEDERAL REGISTER NOTICES

1. 54 FR 22783 (MAY 26, 1989).

2. 54 FR 16136 (APRIL 21, 1989).