

State	Reclamation required	Refuse	Substitution of sites
Illinois-----	Conditioning to make suitable for productive use including forestry, grazing, cropping, wildlife, recreation, and building sites, according to a plan. Ridges to be struck off a minimum of 10 feet for forestry, 18 feet for pasture, and graded to allow use of farm machinery for cropland. Plant species to be used must be approved by the department of conservation. Acid-forming material to be covered by 4 feet of water or other material capable of supporting plant life. To be completed within 3 years following the permit year except planting will be delayed where weathering is needed to establish plants. Grade to a rolling topography to reduce erosion and permit best land use. Acid materials in final cut to be covered with water or earth. Establish satisfactory vegetative cover prior to bond release. Submit plan of reclamation prior to mining. Roads constructed to minimize erosion. Damming of final cut to form lakes.	Slurry to be confined in depressions or by levees and screened with border plantings. Inertible gob to be covered by a minimum of 4 feet of productive material. To be reclaimed within 1 year after active use.	Subject to approval of department of conservation.
Indiana (new law effective Jan. 1, 1968). Administered under policies of natural resources commission.		Remove or bury all metal, lumber, and other refuse resulting from operation.	Subject to approval of regulating agency. Substitute site must be an equal area previously mined by the operator requesting such substitute.
Iowa-----	Spoil bank when feasible. Avoid acid-forming materials on surfaces of spoil. Grade spoil banks to regular slope of not over vertical rise of 1 foot for 3 feet horizontal except when original slope was greater. Control drainage. Cover acid-forming materials with 2 feet of earth. Spoil grading concurrent with operation and reclamation completed within 12 months of permit expiration. Stand percentage complete prior to bond release. Coverage of acid-producing material.	No specific provisions.	No specific provisions.
Kentucky-----		Remove or bury all metal, lumber, and other refuse resulting from operation. No depositing refuse or spoil material into public roads, streams, lakes, subterranean waters, or other public property.	Allowed with respect to planting only, subject to approval of division if investigation shows that revegetation of original site may not be successful.
Maryland-----	Rules and regulations of Bureau of Mines. Spoil graded to minimize erosion, depressions, and steep slopes. Overburden graded to cover final pit. All openings from underground mining sealed off. Impoundments approved by department of water resources.	No provisions.	No provisions.
Ohio-----	Grade to rolling topography to reduce erosion and permit logging or grazing. Grading of isolated peaks. Access roads and fire lanes. Construction of earthen dams in final cut. Reclamation complete 2 years from completion of stripping. Substitution.	Loose coal, mine refuse, and other debris to be graded so as to reduce the piles of such material and make possible its submergence in water. If not covered by water, material shall be covered with overburden.	Subject to approval of division of reclamation. Affected area to be substituted must be equal acreage to the original area affected.
Oklahoma-----	Grading to rolling topography. Cover acid material with at least 2 feet of soil. Fire lanes will be built in forested areas.	No provisions.	Subject to approval of department of mines and mining.
Pennsylvania-----	Bituminous—Original slopes 12 degrees or less, backfill to original contour. Original slopes more than 12 degrees, terrace, high wall backfilled to 45 degrees angle. Stream pollution from acid drainage not permitted. Anthracite—Pits near roads and buildings must be completely backfilled. Peaks and ridges must be rounded off. Backfilling to be completed within 6 months after end of operation. Disturbed areas to be planted to trees, shrubs, or grass within 1 year after completion of mining operation, or forfeit \$100 per acre.	No specific provisions.	No statutory provisions; however, the operator may option not to plant and to pay \$100 per acre to State instead.