

## **MODULE 18**

## Module 18: Land Use and Reclamation Map

[§§77.409/77.456/77.462]

### ***Land Use and Reclamation Map***

Provide a map or plan that includes the permit area and the area within 1000 feet of the permit area. The map or plan shall be clear, accurate, easily read and on a scale of no smaller than 1 inch = 400 feet. Maps on the scale of 1 inch = 200 feet for permit areas of 100 acres or less and 1 inch = 400 feet for permit areas larger than 100 acres are preferred. Use the same scale as used for Exhibits 6.2 and 9. Identify the map plan as Exhibit 18 Land Use and Reclamation Map. Each map or plan must bear the seal or facsimile imprint of a registered professional engineer; or the seal or facsimile imprint of a registered professional land surveyor. Show all the following information within the permit area and for a distance of 1000 feet from the permit area, unless specified otherwise. Include an appropriate legend on the map. Indicate which items are present by placing a check mark in the box before the item. Please provide the permit number (if it has been assigned) or a space for it in the title block.

- a) reclamation contours (contour intervals of 20 feet or less);
- b) proposed permit area;
- c) surface water bodies such as streams, lakes, ponds, springs and wetlands (include restricted or variance areas, and names of streams and lakes/use a unique label for each unnamed tributary);
- d) property lines (key ownership to Module 5);
- e) buildings (include restricted or variance areas);
- f) man-made features such as public highways, railroads, utility lines including right-of-ways or easements and other surface and subsurface man-made features (include the name of the highway, railroad and utility and the restricted or variance areas);
- g) existing or previously surface-mined areas and existing areas of refuse, spoil, waste, and processing waste disposal;
- i) haul roads which will remain as part of postmining land use;
- j) erosion and sedimentation control facilities that will be used until bonds are released and those which will remain as part of postmining land use;
- k) dams or impoundments which will remain as part of postmining land use;
- l) existing land uses and proposed postmining land uses;
- m) areas to be restored to AOC (for areas other than AOC include sufficient cross-sections in Module 10.5 to adequately reflect final surface configurations and postmining water table);
- n) drainage pattern;
- o) permanent revegetation cover types to be established (key to seed mixture number as indicated in module 23.3, woody plant mixture number as indicated in Module 23.4, and/or cropping group number in Module 23.5). Note: if the cover type is consistent for each post-mining land use, then indicate this in lieu of providing an additional key on the map;
- p) facilities for protection or enhancement of fish and wildlife;
- q) lands classified as Primary Agricultural Land under Executive Order 1994-3 (The Agricultural Land Preservation Policy).