

(8) The proposed practices to protect adjacent surface resources;

(9) The specifications for surface gradient restoration to a surface suitable for the proposed subsequent use of the land after reclamation is completed, and the proposed method of accomplishment;

(10) The manner and type of revegetation or other surface treatment of the affected areas;

(11) A time schedule that meets the requirements of this section; and

(12) Maps and any other supporting documents required by the Department to illustrate the above points.

(b) The [operator] APPLICANT shall furnish with the mining and reclamation plan, in a reasonable manner satisfactory to the Department, an accurately surveyed topographic map, in duplicate, on a scale of not smaller than one inch equals 200 feet and with a contour interval of spacing appropriate for the area, showing the location of the tract of land to be affected by mining, and representative cross-sections. The surveyed topographic map and cross-sections shall be prepared and certified by a registered professional engineer or registered surveyor and show the boundaries of the proposed affected land, together with the drainage area above and below the area, the location and names of all streams, roads, railroads, and utility lines on or immediately adjacent to the area, the outcrop line of any mineral deposit to be mined, the location of all buildings within 200 feet of the outer perimeter of the area affected, the names and addresses of the owners and present occupants, the purpose for which each building is used, the name of the owner of the tract where the proposed mining is to occur, and the names of the adjacent landowners, the municipality or district and county and nearest municipality. The topographic map also shall show the locations of test borings or sampling which the operator has conducted or will conduct at the site of the proposed operation. The cross-sections shall include the location of the test borings or sample sites, the nature and depth of the various strata, the thickness of any mineral seam or deposit, an analysis of any mineral deposit or ore, the thickness of the overburden, and an analysis of the overburden. Aerial photographs of the tract of land to be affected by the mining also shall be provided if they are required by the Department. The information resulting from the test borings is confidential information and not a matter of public record. The Department may waive any of the requirements of this subsection if the operator extracts less than 30,000 tons per year or 20,000 cubic yards per year of minerals and the affected area is less than five acres in size.

(c) The plan shall include a summary statement covering: