

ment which will or might be necessary to carry on the operation. Where the operation is to include consumption or use of water, the estimated daily quantity of water required, its source and its disposition shall be identified.

- (2) A legal description of the proposed site with an accompanying planimetric map of a scale adequate to locate the legal subdivisions involved.
- (3) A restoration plan for the site as hereinafter required.
- (4) If the type of exploration or mining may produce products of erosion, leaching or contaminants to water which tend to flow downstream in channels, a plan will be required including maps and specifications for construction of barriers or other measures to prevent such down-slope movement and to maintain such products on the site of the work.

b. Consideration of Compatibility

In reviewing a proposal for a mining activity, the County Board of Commissioners shall take into consideration:

- (1) The effect of the proposed operation on water supply, water pollution and drainage.
- (2) The possibility of soil and mining residue erosion as a result of the proposed operation.
- (3) The most suitable land use for the area, and the proposed operations effect on land use in adjacent areas.

c. Restoration Plan and Guarantee Requirements

No grant to carry on a mining operation shall be given until the County Board of Commissioners approves a restoration plan and the owner or operator agrees to restore the mined area and refuse developed from the mined area to a condition of practical usefulness or reasonable physical attractiveness as soon as practicable after the mining operations have ceased. When the County Board of Commissioners determines it necessary to protect the public health and safety and the aesthetic aspect of the general welfare, the owner or operator shall annually or periodically restore the mined area and refuse developed from the mined area to a condition of practical usefulness or reasonable physical attractiveness. The owner or operator may be required to provide sufficient financial guarantee to secure the performance of the restoration agreement. The agreement and financial guarantee shall be in a form approved by the county attorney.

d. Conditions for Approval

The County Board of Commissioners may set forth conditions regarding appropriate setback and other dimensional requirements, particularly with reference to avoiding a nuisance effect on surrounding agricultural, residential and commercial uses. Suitable fencing and landscaping may be required.

e. Duration of Grant

The grant to carry on a mining operation shall be effective only so long as the operation is actively