



State of Vermont
PERMIT AND LICENSE INFORMATION

EARTH RESOURCES POTENTIAL AND EXTRACTION; LAND RECLAMATION

**SUMMARY
DESCRIPTION
OF PERMIT**

The Division of Geology and Mineral Resources reviews projects proposed through the Act 250 process following the guidelines of Criteria 9D and 9E. Please refer to [Sheet #47](#) (Environmental Board - Act 250) for rules, fees, appeal process, and other information pertaining to the Act 250 process.

**CRITERIA FOR
JURISDICTION**

Criterion 9D: "Earth Resources. A permit will be granted whenever it is demonstrated by the applicant, in addition to all other applicable criteria, that the development or subdivision of lands with high potential for extraction of mineral or earth resources will not prevent or significantly interfere with the subsequent extraction or processing of the mineral or earth resources."

Criterion 9E: "Extraction of Earth Resources. A permit will be granted for the extraction or processing of mineral and earth resources, including fissionable source material:

- (1) When it is demonstrated by the applicant that, in addition to all other applicable criteria, the extraction or processing operation and the disposal of waste will not have an unduly harmful impact upon the environment or surrounding land uses and development; and
- (2) upon approval by the district commission or the board of a site rehabilitation plan which insures that upon completion of the extracting or processing operation the site will be left by the applicant in a condition suitable for an approved alternative use or development. A permit will not be granted for the recovery or extraction of mineral or earth resources from beneath natural bodies of water or impoundments within the state, except that gravel, silt and sediment may be removed pursuant to the regulations of the water resources board, and natural gas and oil may be removed pursuant to the rules of the Natural Gas and Oil Resources Board."

**HOW WE
PROCEED**

Criterion 9D: Proposed projects are located on geologic maps. Mineral resources maps and all other available geologic information are used to ascertain if there is a possibility that a useable earth or mineral resource is located in the proposed project area and/or if the project will interfere with the extraction of a potential resource. If there is a likelihood that the proposed project will prevent or significantly interfere or affect the extraction and processing of the material, then the staff notifies the applicant and the Agency of Natural Resources' land use attorney. If necessary, meetings are held to discuss possible solutions to the problem.

Criterion 9E: The Division of Geology and Mineral Resources reviews proposed mining operations under the guidance of Criterion 9E. The main purpose of this review is to ensure an acceptable reclamation plan is proposed by the applicant. Most of the reviews are of proposed sand and gravel pits. The general guidelines for this review are available through the Division of Geology and Mineral Resources. The Division may coordinate the review of

the proposed sand and gravel operation with other departments in the Agency of Natural Resources. The review of other proposed mineral or earth resources extraction is generally site-specific or type of mining specific.

**INFORMATION
REQUIRED**

Please refer to [Sheet #47](#), Environmental Board - Act 250. It is recommended that applicants for gravel and/or quarry operations include in the Act 250 applications four types of plans:

- 1) Present Site Conditions;
- 2) Operational Plans;
- 3) Reclamation Plans;
- 4) Plans for Scope of Work; and
- 5) Project location on a topographic map.

WEB ADDRESS

<https://dec.vermont.gov/geological-survey/resources-energy>

**ADMINISTERING
AGENCY**

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