

6130.4300 PERMIT APPLICATIONS.

Subpart 1. **In general.** An application for a permit to mine shall be submitted in duplicate by the applicant to the commissioner in the form hereby prescribed.

An application for a mining permit shall include all information pursuant to this part. An application for a scam mining permit shall include all information, pursuant to subparts 2, 3, 6, and 7.

Subp. 2. **Documents.** The following documents are required:

A. a certificate or evidence of insurance, as required in Minnesota Statutes, section 93.481, subdivision 1, clause (2);

B. the notice and affidavit of publication, pursuant to part 6130.4800, subpart 1;

C. if the applicant is a foreign corporation, as defined by Minnesota Statutes, sections 300.02 and 303.02, a certified copy of the certificate of authority to transact business in the state of Minnesota; and

D. financial and income statements from all applicants for the previous three years, consisting of annual reports or, if annual reports are not available, a similar statement describing financial capability to perform reclamation obligations.

Subp. 3. **Organizational data.** The following organizational data are required:

A. the post office address of the applicant;

B. the general organizational structure of the applicant, any parent companies, owners, principal stockholders, partners, and joint venturers;

C. any managing agents or subsidiaries which are or may be involved in the mining operation; and

D. organizational relationships between or among joint applicants.

Subp. 4. **Environmental setting maps.** The commissioner shall make available to the applicant, at the applicant's expense, copies of all relevant publication information in the commissioner's possession for the applicant's use in preparing environmental setting submissions. The applicant shall submit the following information on overlays to 7-1/2 minute USGS quadrangle or other maps of the same scale delineating the mining area. Maps shall include such adjacent lands as required by the commissioner, to show the areas directly or indirectly affected by the mining operation. Overlays shall include:

A. Bedrock geology, including the general shape of orebody and known or inferred reserves and resources within and adjacent to the mine area. Appropriate cross-sections which show the horizontal and vertical relationships shall also be included.

B. Water basins, water courses, and wetlands which are or could be affected by the mining operation.

C. Boundaries of watersheds which are or could be affected by the mining operation.

D. Details of ground water conditions based on best available information and exploratory drill holes.

E. Natural resource sites identified by the commissioner, such as those listed in Minesite Data Manual, V21 Natural Resources Sites, Minnesota Department of Natural Resources.

F. A forest inventory, including species, density, size class, and height.

G. A soil inventory including soil type, extent, and thickness.

H. Past mining facilities including stockpiles, tailings basins, mines, and processing plants.

I. Surface ownership of record within the mining area, and severed mineral ownership as set forth in verified statements pursuant to Minnesota Statutes, section 93.52 or in an order or decree pursuant to Minnesota Statutes, section 93.55, subdivision 2, filed in the county recorder's office with respect to severed mineral interests in parts of the mining area which will be excavated or covered with mine wastes. An owner's agent may be identified in place of the owner. No error in the designation of surface or mineral ownership shall affect the validity of the application. This requirement shall not apply to lands occupied by existing railroads not located in mine or plant areas.

J. Exclusion, avoidance, and setback areas, pursuant to parts 6130.1000 to 6130.1300.

Subp. 5. **Environmental setting analysis.** Based on the environmental setting data submitted pursuant to subpart 4, the applicant shall provide the commissioner with an environmental analysis including:

A. a copy of any environmental reports prepared relative to the mining operation; and

B. an explanation of the basis for siting those parts of operation which will be developed hereafter, including a description of the positive and negative aspects of all sites considered, and how the selected site will aid in the attainment of the reclamation goals.

Subp. 6. **Mining and reclamation maps.** The applicant shall submit maps and cross-sections containing all features normally found on a USGS quadrangle map, at a scale which is normally used by the operator for the mine planning purposes, which:

- A. define the shape and extent of the orebody which will support the operating life of the mine;
- B. identify all known and inferred mineral reserves or resources which are located within the mining area but which have not been included as part of the mining plan;
- C. identify lands proposed for use as vegetative reference areas;
- D. depict the detailed drainage patterns for waters which may contact leachable materials; and
- E. depict at appropriate intervals, approved by the commissioner, the status of:
 - (1) mining the ore body;
 - (2) watershed modifications (including changes in the boundaries, diversions, disposition of surface water flows, and runoff);
 - (3) construction (including shape, extent, and content) and reclamation (including contouring, dust control, temporary stabilization, vegetation, and deactivation) of each: stockpile, tailings basin, mine, reservoir, dam, diversion channel, drainage control, settling basin, and auxiliary facilities.

Subp. 7. **Mining and reclamation plan.** This plan shall describe:

- A. the operating life of the mine, including the rate of mining and anticipated changes in that rate, and the factors used to determine the minable reserves and changes which would expand or diminish such reserves;
- B. the mining activities to be conducted, including:
 - (1) the types, amounts, sequence, and schedule for mining the orebody and stockpiling materials, including the distinctions among ore, lean ore, and waste rock; a discussion of in-mine disposal; and the physical and chemical character of mine waste; and
 - (2) the ore beneficiating process, including a discussion of the type and amount of any chemicals to be added and the types, amounts, sequence, schedule, and means of tailings disposal; and
- C. the methods, sequence, and schedules of reclamation which address the goals and meet the requirements of parts 6130.1000 to 6130.4100, including anticipated reclamation research.

Statutory Authority: *MS s 93.47*

History: *17 SR 1279*

Published Electronically: *October 8, 2013*