**Section 1780.14 Operation Plan: Maps and Plans**

Each application shall contain maps and plans as follows:

a) The maps and plans shall show the lands proposed to be affected throughout the operations and any change in a facility or feature to be caused by the proposed operations, if the facility or feature was shown under 62 Ill. Adm. Code 1779.24 through 1779.25.

b) The following shall be shown for the proposed permit area unless also specifically required for the adjacent area by the requirements of this Section:

1) Buildings, utility corridors, and facilities to be used;

2) The area of land to be affected within the proposed permit area, according to the sequence of mining and reclamation;

3) Each area of land for which a performance bond or other equivalent guarantee will be posted under 62 Ill. Adm. Code 1800;

4) Each coal storage, cleaning, and loading area;

5) Each topsoil, spoil, coal waste, and noncoal waste storage area;

6) Each water diversion, collection, conveyance, treatment, storage, and discharge facility to be used;

7) Each air pollution collection and control facility;

8) Each source of waste and each waste disposal facility relating to coal processing or pollution control;

9) Each facility to be used to protect and enhance fish and wildlife and related environmental values;

10) Each explosive storage and handling facility; and

11) Location of each sedimentation pond, permanent water impoundment, coal processing waste bank, and coal processing waste dam and embankment, in accordance with 62 Ill. Adm. Code 1780.25, and fill area for the disposal of excess spoil in accordance with 62 Ill. Adm. Code 1780.35.

c) Except as provided in Section 1780.25(a)(2), 1780.25(a)(3), 1780.35(a), and 62 Ill. Adm. Code 1816.71(b), 1816.74(c) and 1816.81(c), cross-sections, maps and plans required under subsections (b)(4), (5), (6), (10) and (11) shall be prepared by, or under the direction of, and sealed by a qualified registered professional engineer licensed under The Illinois Professional Engineering Act (Ill. Rev. Stat. 1985, ch. 111, pars. 5101-5137), a qualified registered structural engineer licensed under The Illinois Structural Engineering Act (Ill. Rev. Stat. 1985, ch. 111, pars. 6501-6530), or, if authorized by state law, a qualified registered professional land surveyor licensed under The Illinois Land Surveyors Act (Ill. Rev. Stat. 1985, ch. 111, pars. 3201-3234), with assistance from experts in related fields such as geology and landscape architecture.

(Source: Amended at 11 Ill. Reg. 8602, effective July 1, 1987)