**Section 405.104 Permit Applications**

a) Plans, reports, specifications and application forms submitted to the Agency as part of a State or NPDES permit application must be certified by a registered professional engineer when required by the Illinois Professional Engineering Act [225 ILCS 325].

b) An application for a State or NPDES permit must include:

1) The location and the maximum extent of the affected land during the term of the requested permit;

2) Activities on the affected land to prepare the site for mining activities, including all earth moving, grading activities, construction and any other preparatory activity;

3) Measures to be taken to avoid violating the Act and Subtitle D;

4) The location of all streams, creeks, bodies of water, and aquifers that receive drainage from the affected land;

5) The location of all private water supplies on or within one mile of the affected land;

6) The name, type and location of all public water supplies within ten miles of the affected land;

7) Plans for surface drainage control under Section 405.105;

8) Affected land areas where mining will occur;

9) Affected land areas where mine refuse and spoil will be deposited;

10) The general characteristics of the mine refuse and spoil;

11) The proposed method of mining;

12) A refuse disposal plan under Section 405.106 or 405.107;

13) The location of all bore holes, mine shafts, and wells on the affected land;

14) An estimate certified by an engineer of the quality and quantity of drainage from the mine area and mine refuse area, including estimated concentrations of chloride, sulfate, and all Section 406.106 contaminants with an explanation for the basis of the estimates;

15) The location of all mine discharges and non-point source mine discharges, method or type of sediment basins, erosion control devices and wastewater treatment facilities for all mine related facilities, including identifying collection points for water discharged from all mechanical pumping or gravity flow systems used for draining the mine and mine refuse area;

16) An abandonment plan under Section 405.109; and

17) If the applicant intends to use acid-producing mine refuse, a plan under Section 405.108.

c) The Agency may require other necessary information when considering the permit application. This may be done through an application form and through requests for information directed to the applicant.

d) This Section does not limit the Agency's authority to enter into an agreement with the Illinois Department of Natural Resources, Office of Mines and Minerals for joint permit applications.

(Source: Amended at 43 Ill. Reg. 11606, effective September 25, 2019)