**Section 812.307 Leachate Drainage and Collection Systems**

The permit application shall contain information to demonstrate that the proposed leachate drainage and collection system will be in compliance with 35 Ill. Adm. Code 811.307 and 811.308, including:

a) A plan view of the leachate collection system, showing pipe locations, cleanouts, manholes, sumps, leachate storage structures and other related information;

b) Cross sections and descriptions of manholes, sumps, cleanouts, connections and other appurtenances;

c) The locations of all leachate level monitoring locations;

d) A stability analysis showing that the side slopes will maintain the necessary static and seismic safety factors during all phases of operation;

e) All calculations, assumptions and information used to design the leachate collection and drainage system;

f) A description of the methods to be used to clean and otherwise maintain the leachate collection and drainage system, including the number and location of access and cleanout points; and

g) A construction quality assurance program to insure proper construction of the systems pursuant to 35 Ill. Adm. Code 811.Subpart E.