**Section 370.500 Plant Location**

a) General

The following items shall be considered when selecting a plant site:

1) Proximity to residential areas.

2) Direction of prevailing winds.

3) Necessary routing to provide accessibility by all weather roads.

4) Area available for expansion.

5) Local zoning requirements.

6) Local soil characteristics, geology, and topography available to minimize pumping.

7) Access to receiving stream.

8) Compatibility of treatment process with the present and planned future land use, including noise, potential odors, air quality, and anticipated sludge processing and disposal techniques.

9) The requirements of the Illinois Groundwater Protection Act [415 ILCS 55].

b) Critical Sites

Where a site must be used which is critical with respect to the items in subsection (a), appropriate measures shall be taken to minimize adverse impacts.

c) Flood Protection

The treatment works structures, electrical and mechanical equipment shall be protected from physical damage by the maximum 100 year flood. Treatment works shall remain fully operational during the 25 year flood. This requirement applies to new construction and to existing facilities undergoing major modification. Flood plain regulations of State and Federal agencies shall be considered.

d) Plant Accessibility

All plant facilities shall be accessible by an all weather road.

(Source: Amended at 21 Ill. Reg. 12444, effective August 28, 1997)