Kansas Administrative Regulations

Department of Health and Environment

Article 16.—Water Pollution Control—Development of Countywide Wastewater Management Plans.

28-16-80. Elements of plan.

(a) Each plan shall incorporate the following elements:

(1) The projected population development of the county for a twenty-five (25) year period beginning June 30, 1980, with subprojections for each five (5) year increment;

(2) Description of each existing sewerage system including treatment plants, major pumping stations, interceptors, and areas of combined sewers, including the age, size and capacity and ownership of each major unit;

(3) An evaluation of the projected ability of existing and projected sewerage systems to meet water quality standards (K.A.R. 28-16-28 and K.A.R. 28-16-28a);

(4) The schedule whereby new sewerage systems will be constructed or existing sewerage systems expanded to provide service for new areas. The schedule shall be such that:

(A) no new permanent treatment facilities will be projected in areas where sewer systems exist unless there is reasonable evidence that the waste to be treated is incompatible or that the existing system would be overloaded;

(B) temporary wastewater treatment facilities may be provided in areas without sewer service, and in which there is a reasonable potential for the construction of new interceptors;

(C) new treatment facilities will be provided in areas where no treatment facilities exist and interceptors are not within a reasonable distance or are not economically feasible;

(D) simplicity, reliability and energy efficiency will be emphasized in the design of treatment systems;

(E) the proliferation of very small waste treatment systems will be discouraged in metropolitan areas; and,

(F) agricultural and municipal waste disposal irrigation systems will be encouraged where practicable and will take into account the maintenance of minimum flow levels in receiving waters and established water rights;

(5) A description of each community water delivery system, including sources of supply, major storage facilities, major lines, pumping stations, and treatment plants;

(6) The schedule whereby new water supply systems will be constructed or existing systems expanded to provide service for those areas in which additional population development is projected;

(7) A description of the mechanisms to be used to coordinate the provision of water delivery and sewerage services in those areas in which further population growth or industrial development is projected;

(8) A land use map indicating those areas in which on-site residential wastewater treatment facilities may be used, a description of the permit and inspection system used to regulate such developments, and the conditions imposed to assure satisfactory operation over a reasonable period of time;

(9) Copies of agreements between units of local government necessary to assure the orderly construction of new or extended sewerage or water delivery facilities;

(10) A land use map showing all significant waterways, flood plains and floodways, parks, lakes and reservoirs, recreational areas, sanitation zones, and critical water quality management areas and clearly establishing the relationship between these land uses and existing and projected water delivery and sewerage systems;

(11) Any predicted community developments which will have a major impact on the demands for water supply or sewerage service;

(12) The location of existing industrial waste treatment facilities, an assessment of potential waste loads and the relationship of these loads to those imposed by municipal discharges;

(13) The estimated costs of projected improvements for sewerage system extensions during the first five (5) year period of the twenty-five (25) year plan;

(14) An evaluation of the extent to which wastewater may be used for municipal or agricultural irrigation and the extent to which municipal wastewater may be reclaimed for industrial use;

(15) An evaluation of the extent to which urban stormwater runoff may contribute to violation of water quality standards, (K.A.R. 28-16-28 and K.A.R. 28-16-28a);

(16) Description and evaluation of current and projected sludge disposal practices and facilities;

(17) Identification of any relationships between the projected sewerage plans and county air quality maintenance plans; and

(18) A plan and schedule for review and updating of the plan at five (5) year intervals.

(b) The plan shall be based, insofar as practicable on available studies or reports and which may be incorporated by reference.

(c) Each plan shall, as appropriate, identify any water delivery or sewerage problems, the solution of which requires coordination with an adjacent county, and the mechanisms to be used to achieve this coordination.

(d) The committee shall hold one (1) or more public hearings on the plan and shall submit to the secretary a report of such hearings at the time it files the plan. (Authorized by K.S.A. 65-3301 and K.S.A. 1979 Supp. 65-3308, 65-3309, 65-3310; effective May 1, 1980.)

***** Authenticated Kansas Administrative Regulation *****