Kansas Administrative Regulations

Department of Health and Environment

Article 16.—Water Pollution Control—Water and Wastewater Operator Certification.

28-16-36. Classification of water supply systems and wastewater treatment facilities.

(a) The owner of each water supply system and wastewater treatment facility shall designate an operator in responsible charge of the system or facility, or both, whose qualifications are commensurate with the following:

SYSTEM OR FACILITY CLASS	OPERATOR CLASS
Small System	Small System, I, II, III, or IV
I	I, II, III, or IV
II	II, III, or IV
III	III or IV
IV	IV

(b) Classification of water supply systems shall be as follows:

CLASS	POPULATION SERVED
Small System	
Distribution system only	All, no limit
or	
Chlorination of groundwater only	less than 501
Class I	

Chlorination of groundwater only	501-1,500
or	
Treatment of groundwater	less than 501
Class II	
Chlorination of groundwater only	1,501-5,000
or	
Treatment of groundwater	501-2,500
or	
Treatment of surface water	less than 2,501
Class III	
Chlorination of groundwater only	5,001-20,000
or	
Treatment of groundwater or surface water	2,501-10,000
Class IV	
Chlorination of groundwater only	over 20,000
or	
Treatment of groundwater or surface water	over 10,000

(c) Classification of commercial, industrial, and municipal wastewater treatment facilities shall be as follows:

CLASS	**POPULATION SERVED**
Small Systems	
Nonoverflowing municipal wastewater ponds	All, no limit
Class I	
Any secondary treatment facility	less than 1,000
or	
Overflowing wastewater ponds	All, no limit
Class II	

Any secondary treatment facility	1,001-5,000
Class III	
Any secondary treatment facility	5,001-25,000
or	
Advanced or specialized treatment facility	less than or equal to 5,000
Class IV	
Any secondary treatment facility	over 25,000
or	
Advanced or specialized treatment facility	over 5,000

(d) For purposes of this regulation, "treatment," as it applies to water supply systems, shall include the following processes:

(1) Iron and manganese removal;

(2) membrane filtration;

(3) softening;

(4) coagulation, sedimentation, and filtration;

(5) recarbonation; and

(6) addition of chemicals other than chlorine for improved water quality.

(e) For purposes of this regulation, "secondary treatment facility" shall be any department-permitted biological treatment facility, including the following:

(1) Waste stabilization ponds;

(2) trickling filter plants;

(3) rotating biological contactor plants; and

(4) activated sludge plants.

A secondary treatment facility may include biological, physical, or chemical disinfection.

(f) For purposes of this regulation "advanced or specialized treatment facility" shall include facilities utilizing selected biological, physical, and chemical separation processes to remove organic and inorganic substances that resist conventional treatment practices. Biological, physical, and chemical disinfection shall not be considered advanced or specialized treatment.

(Authorized by K.S.A. 65-4512; implementing K.S.A. 65-4505 and 65-4512; effective Sept. 28, 1992; amended Aug. 31, 2001.)

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