

Kansas Administrative Regulations

Department of Health and Environment

Article 16.—Water Pollution Control

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
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Class II

Chlorination of groundwater only	1,501-5,000
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or

Treatment of groundwater	501-2,500
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or

Treatment of surface water	less than 2,501
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Class III

Chlorination of groundwater only	5,001-20,000
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or

Treatment of groundwater or surface water	2,501-10,000
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Class IV

Chlorination of groundwater only	over 20,000
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or

Treatment of groundwater or surface water	over 10,000
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(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
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Class I

Any secondary treatment facility	less than 1,000
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or

Overflowing wastewater ponds	All, no limit
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Class II

Any secondary treatment facility	1,001-5,000
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Class III

Any secondary treatment facility	5,001-25,000
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or

Advanced or specialized treatment facility	less than or equal to 5,000
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Class IV

Any secondary treatment facility	over 25,000
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or

Advanced or specialized treatment facility	over 5,000
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(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 *****