

## 2018 Kansas Statutes

### **82a-2001. Classified stream segments defined; other definitions.** As used in this act:

(a) (1) "Classified stream segments" shall include all stream segments that are waters of the state as defined in subsection (a) of K.S.A. 65-161, and amendments thereto, and waters described in subsection (d) of K.S.A. 65-171d, and amendments thereto, that:

(A) Are indicated on the federal environmental protection agency's reach file 1 (RF1) (1982) and have the most recent 10-year median flow of equal to or in excess of one cubic foot per second based on data collected and evaluated by the United States geological survey or in the absence of stream segment flow data, calculations of flow conducted by extrapolation methods provided by the United States geological survey;

(B) have the most recent 10-year median flow of equal to or in excess of one cubic foot per second based on data collected and evaluated by the United States geological survey or in the absence of stream segment flow data, calculations of flow conducted by extrapolation methods provided by the United States geological survey;

(C) are actually inhabited by threatened or endangered aquatic species listed in rules and regulations promulgated by the Kansas department of wildlife, parks and tourism or the United States fish and wildlife service;

(D) (i) scientific studies conducted by the department show that during periods of flow less than one cubic foot per second stream segments provide important refuges for aquatic life and permit biological recolonization of intermittently flowing segments; and

(ii) a cost-benefit analysis conducted by the department and taking into account the economic and social impact of classifying the stream segment indicates that the benefits of classifying the stream segment outweigh the costs of classifying the stream segment, as consistent with the federal clean water act and federal regulations; or

(E) are at the point of discharge on the stream segment and downstream from such point where the department has issued a national pollutant discharge elimination system permit other than a permit for a confined feeding facility, as defined in K.S.A. 65-171d, and amendments thereto.

(2) Classified stream segments other than those described in subsection (a)(1)(E) shall not include ephemeral streams; grass, vegetative or other waterways; culverts; or ditches.

(3) Any definition of classified stream or "classified stream segment" in rules and regulations or law that is inconsistent with this definition is hereby declared null and void.

(b) "Department" means the department of health and environment.

(c) "Designated uses of classified stream segments" shall be defined as follows:

(1) "Agricultural water supply use" means the use of a classified stream segment for agricultural purposes, including the following:

(A) "Irrigation" means the withdrawal of water from a classified stream segment for application onto land; or

(B) "livestock watering" means the provision of water from a classified stream segment to livestock for consumption.

(2) "Aquatic life support use" means the use of a classified stream segment for the maintenance of the ecological integrity of streams, lakes and wetlands, including the sustained growth and propagation of native aquatic life; naturalized, important, recreational aquatic life; and indigenous or migratory semiaquatic or terrestrial wildlife directly or indirectly dependent on surface water for survival. Categories of aquatic life support use include:

(A) "Special aquatic life use waters" means classified stream segments that contain combinations of habitat types and indigenous biota not found commonly in the state, or classified stream segments that contain representative populations of threatened or endangered species, that are listed in rules and regulations promulgated by the Kansas department of wildlife, parks and tourism or the United States fish and wildlife service.

(B) "Expected aquatic life use waters" means classified stream segments containing habitat types and indigenous biota commonly found or expected in the state.

(C) "Restricted aquatic life use waters" means classified stream segments containing indigenous biota limited in abundance or diversity by the physical quality or availability of habitat, due to natural deficiencies or artificial modifications, compared to more suitable habitats in adjacent waters.

(3) "Domestic water supply" means the use of a classified stream segment, after appropriate treatment, for the production of potable water.

(4) "Food procurement use" means the use of a classified stream segment for the obtaining of edible forms of aquatic or semiaquatic life for human consumption.

(5) "Groundwater recharge use" means the use of a classified stream segment for the replenishing of fresh or usable groundwater resources. This use may involve the infiltration and percolation of surface water through sediments and soils or the direct injection of surface water into underground aquifers.

(6) "Industrial water supply use" means the use of a classified stream segment for nonpotable purposes by industry, including withdrawals for cooling or process water.

(7) (A) "Recreational use" means:

(i) Primary contact recreational use is use of a classified stream segment for recreation during the period from April 1 through October 31 of each year, provided such classified stream segment is capable of supporting the recreational activities of swimming, skin diving, water-skiing, wind surfing, kayaking or mussel harvesting where the body is intended to be immersed in surface water to the extent that some inadvertent ingestion of water is probable.

(a) Primary contact recreational use-Class A: Use of a classified stream segment for recreation during the period from April 1 through October 31 of each year, and the classified stream segment is a designated public swimming area. Water quality criterion for bacterial indicator organisms applied to Class A waters shall be set at an illness rate of eight or more per 1,000 swimmers. The classified stream segment shall only be considered impaired for primary contact recreational use-Class A if the calculated geometric mean of at least five samples collected in separate 24-hour periods within a 30-day period exceeds the corresponding water quality criterion. The water quality criterion for primary contact recreational use-Class A waters during the period November 1 through March 31 of each year shall be equal to the criterion applied to secondary contact recreational use-Class A waters.

(b) Primary contact recreational use-Class B: Use of a classified stream segment for recreation, where moderate full body contact recreation is expected, during the period from April 1 through October 31 of each year, and the classified stream segment is by law or written permission of the landowner open to and accessible by the public. Water quality criterion for bacterial indicator organisms applied to Class B waters shall be set at an illness rate of 10 or more per 1,000 swimmers. The classified stream segment shall only be considered impaired for primary contact recreational use-Class B if the calculated geometric mean of at least five samples collected in separate 24-hour periods within a 30-day period exceeds the corresponding water quality criterion. The water quality criterion for primary contact recreational use-Class B waters during the period November 1 through March 31 of

each year shall be equal to the criterion applied to secondary contact recreational use-Class A waters.

(c) Primary contact recreational use-Class C: Use of a classified stream segment for recreation, where full body contact recreation is infrequent during the period from April 1 through October 31 of each year, and is not open to and accessible by the public under Kansas law and is capable of supporting the recreational activities of swimming, skin diving, water-skiing, wind surfing, boating, mussel harvesting, wading or fishing. Water quality criterion for bacterial indicator organisms applied to Class C waters shall be set at an illness rate of 12 or more per 1,000 swimmers. The classified stream segment shall only be considered impaired for primary contact recreational use-Class C if the calculated geometric mean of at least five samples collected in separate 24-hour periods within a 30-day period exceeds the corresponding water quality criterion. The water quality criterion for primary contact recreational use-Class C waters during the period November 1 through March 31 of each year shall be equal to the criterion applied to secondary contact recreational use-Class B waters.

(ii) Secondary contact recreational use is use of a classified stream segment for recreation, provided such classified stream segment is capable of supporting the recreational activities of wading, fishing, canoeing, motor boating, rafting or other types of boating where the body is not intended to be immersed and where ingestion of surface water is not probable.

(a) Secondary contact recreational use-Class A: Use of a classified stream segment for recreation capable of supporting the recreational activities of wading or fishing and the classified stream segment is by law or written permission of the landowner open to and accessible by the public. Water quality criterion for bacterial indicator organisms applied to secondary contact recreational use-Class A waters shall be nine times the criterion applied to primary contact recreational use-Class B waters. The classified stream segment shall only be considered impaired for secondary contact recreational use-Class A if the calculated geometric mean of at least five samples collected in separate 24-hour periods within a 30-day period exceeds the corresponding water quality criterion.

(b) Secondary contact recreational use-Class B: Use of a classified stream segment for recreation capable of supporting the recreational activities of wading or fishing and the classified stream segment is not open to and accessible by the public under Kansas law. Water quality criterion for bacterial indicator organisms applied to secondary contact recreational use-Class B waters shall be nine times the criterion applied to primary contact recreational-Class C use waters. The classified stream segment shall only be considered impaired for secondary contact recreational use-Class B if the calculated geometric mean of at least five samples collected in separate 24-hour periods within a 30-day period exceeds the corresponding water quality criterion.

(B) If opposite sides of a classified stream segment would have different designated recreational uses due to differences in public access, the designated use of the entire classified stream segment may be the higher attainable use, notwithstanding that such designation does not grant the public access to both sides of such segment.

(C) Recreational use designations shall not apply to stream segments where the natural, ephemeral, intermittent or low flow conditions or water levels prevent recreational activities.

(d) "Ephemeral stream" means streams that flow only in response to precipitation and whose channel is at all times above the water table.

(e) "Secretary" means the secretary of health and environment.

**History:** L. 2001, ch. 100, § 1; L. 2003, ch. 105, § 1; L. 2012, ch. 47, § 136; July 1.