REGISTRATION FORM FOR EXEMPT CLASS A DAMS

K.S.A. 82a-301

"Dam" means any artificial barrier including appurtenant works with the ability to impound water, wastewater or other liquids that has a height of 25 feet or more; or has a height of six feet or greater and a storage volume at the top of the emergency spillway elevation of 50 or more acre-feet. *The height of a dam or barrier shall be measured from the lowest elevation of the streambed, downstream toe, or outside limit of the dam to the elevation of the top of the dam.*

The prior written consent or permit of the chief engineer shall not be required for construction or modification of a hazard class A dam that:

1. has a height of less than 30 feet and a storage volume at the top of the emergency spillway elevation of less than 125-acre feet, ***and the dam location and dimensions have been registered with the Division of Water Resources in a written form prescribed by the chief engineer; or***
2. is a wastewater storage structure for a confined feeding facility that has been approved by the secretary of health and environment pursuant to K.S.A. 65-171d, and amendments thereto.

Complete the following information to satisfy the registration for exempt low, hazard class A dams defined in K.S.A. 82a-301(d)(1).

Dam owner information

Name: _____

Mailing Address: _____

Phone: _____

E-mail Address: _____

The following information is to be stamped and submitted by, or under the supervision of, a licensed professional engineer or registered land surveyor competent in the design and construction of dams.

Legal description of location: The location of the proposed dam is (use intersection of dam centerline and stream centerline): ____quarter of the ____ quarter of the ____quarter of Section_____, Township____ South, Range____ (East/West) _____County, Kansas, across, along, or in (stream or watercourse name): _____.

Latitude_____Longitude_____ (decimal degrees specified to at least 6 significant digits)

Location map: Submit a U.S.G.S. topographic map, aerial photograph, KMZ file, or a detailed plat showing the location and layout of the proposed dam. This should include the latitude and longitude of the point where the centerline of the dam crosses the centerline of the stream (or in feet north and west of the southeast corner of the section) as well as the latitude and longitude of each abutment. The map should be marked with a north arrow and scale.

Location of each end of the dam at the centerline (decimal degrees specified to at least 6 significant digits.):

Latitude and Longitude of the left abutment is: _____, _____

Latitude and Longitude of the right abutment is: _____, _____.

Benchmarks: Submit location and elevation information on two permanent benchmarks that comply with K.A.R. 5-40-2a. (decimal degrees specified to at least 6 significant digits.)

Latitude, Longitude, and Elevation of Benchmark No. 1 is: _____, _____, _____

Latitude, Longitude, and Elevation of Benchmark No. 2 is: _____, _____, _____

Drainage area (acres): _____

Use intersection of dam centerline and stream centerline as termination point of drainage area.

Top of Dam Elevation (feet): _____
Elevation of Lowest Point on Downstream Toe (feet): _____
Dam Height (feet): _____
Elevation of Auxiliary Spillway (feet): _____

Area capacity table: Please attach a reservoir area capacity table for the dam. The table identifies the number of acres enclosed by each contour within the reservoir area and the total storage capacity of the reservoir in acre-feet at the elevation of each contour. The data shall be compiled for all contours in the reservoir up to and including the elevation of the top of the dam. Computations of capacity shall be based on the natural topography of the reservoir basin but may include the volume of any excavation in the reservoir made during construction of the dam. **The storage in acre-feet must be shown in the table for the proposed emergency spillway elevation. This will be used to identify the jurisdiction of the dam.**

Hazard class determination: List any homes, businesses, highways, improved roads, railroads, campgrounds, recreational facilities, or public utilities located downstream from the dam that could be inundated if the dam fails.