

Kansas Administrative Regulations

Kansas Department of Agriculture—Division of Water Resources

Article 40.—Design of Earth Dams

5-40-53. Drawdown pipes.

(a) Except as specified in subsection (b), each dam shall be equipped with a drawdown pipe that meets the requirements for a pipe as specified in K.A.R. 5-40-50. A valve or gate shall be installed in the pipe so that the controls are accessible and damage from freezing is prevented. Drawdown pipes may be incorporated into the primary spillway.

(b) The installation of a drawdown pipe shall not be required for a low-impact dam if the chief engineer determines that both of the following criteria are met:

(1) The failure to install a drawdown pipe will not prejudicially and unreasonably affect the public interest and the public safety.

(2) The drawdown pipe is not necessary to administer water rights.

(c) Each drawdown pipe shall have the capacity to evacuate 90 percent of the volume of the permanent pool in 14 or fewer days assuming no inflow into the reservoir, but in no case shall the drawdown pipe have an internal diameter of less than four inches. The inlet of the drawdown pipe shall be constructed to reduce the likelihood of plugging.

(Authorized by and implementing K.S.A. 2006 Supp. 82a-303a; effective May 18, 2007.)

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