

Kansas Administrative Regulations

Kansas Department of Agriculture—Division of Water Resources

Article 23.—Southwest Kansas Groundwater Management District No.

3

5-23-1. Definitions.

As used in these regulations, by the southwest Kansas groundwater management district in the implementation of the groundwater management district act, and by the division of water resources in the administration of the Kansas water appropriation act and the groundwater management district act, unless the context clearly requires otherwise, the following words and phrases shall have the meanings ascribed to them in this regulation. (a) "Confined aquifer" means an aquifer overlain and underlain by impermeable layers. Groundwater in a confined aquifer is normally under pressure greater than atmospheric pressure.

(b) "High plains aquifer" means the aquifer comprised of the undifferentiated Pleistocene-age deposits, Quaternary loess, alluvium, dune sand, the Ogallala formation, and deeper aquifers that are in vertical or horizontal hydraulic contact with the Ogallala formation.

(c) "Hydraulic contact" means the absence of an impermeable layer between aquifers.

(d) "Theis analysis" means the Theis non-equilibrium equation analysis described in pp. 108-113 in "ground water and wells: a reference book for the water-well industry," published in 1966 by Edward E. Johnson, Inc. The pages specified in this subsection are hereby adopted by reference.

(e) "Unconfined aquifer" means an aquifer in which the groundwater is exposed to the atmosphere through openings in the overlying materials. The upper surface of an unconfined aquifer is the water table.

(f) "Well" means any artificial excavation that is drilled, cored, bored, washed, driven, dug, or otherwise constructed when the intended use of the excavation is for the acquisition, diversion, or artificial recharge of groundwater.

(Authorized by K.S.A. 82a-706a and K.S.A. 2002 Supp. 82a-1028(o); implementing K.S.A. 82a-706a and K.S.A. 2002 Supp. 82a-1028; effective May 1, 1981; amended May 1, 1985; amended Sept. 22, 2000; amended Feb. 27, 2004.)

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