

Kansas Administrative Regulations

Kansas Department of Agriculture—Division of Water Resources

Article 22.—Equus Beds Groundwater Management District No. 2

5-22-10. Aquifer storage and recovery system: data reporting requirements.

(a) Each person operating an aquifer storage and recovery system of which all or part of is within the boundaries of the district shall file an annual report with the district no later than June 1 for the previous calendar year. The report shall contain the water balance in the basin storage area and, in addition to the information required by K.A.R. 5-12-2, information about the following, as specified:

(1) Source water:

(A) The type;

(B) the quantity of water available;

(C) the quantity of water surface water and bank storage water diverted;

(D) the basin storage loss; and

(E) the chemical, physical, radiological, and biological quality for each type of source water diverted;

(2) aquifer storage:

(A) The artificial recharge techniques used;

(B) the quantity of source water recharged by each technique used;

(C) the total quantity of source water stored in the basin storage area; and

(D) the chemical, physical, radiological, and biological quality for each type of water stored;

(3) recovery of stored water:

(A) A monthly and annual summary of recharge credits withdrawn from each recovery well; and

(B) the chemical, physical, radiological, and biological quality of the water recovered; and

(4) hydrologic conditions:

- (A) The quarterly index water levels;
- (B) the key groundwater quality parameters;
- (C) the monthly and annual precipitation quantities;
- (D) the annual groundwater withdrawals from all wells except domestic wells;
- (E) the annual streamflow, including baseflows and above-baseflow stage;
- (F) a summary of the conjunctive use amounts; and
- (G) the water supply and demand forecast for the next three years.

(b) The operator of the aquifer storage and recovery system shall furnish the district with whatever analyses, data, and other supporting documentation are necessary to understand and verify the report.

(c) The board shall review the report and submit its findings and recommendations to the chief engineer regarding the report no later than September 1 of the calendar year in which the report is required to be filed.

(Authorized by and implementing K.S.A. 82a-706a and K.S.A. 2003 Supp. 82a-1028; effective Dec. 10, 2004.)

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