

Kansas Administrative Regulations

Kansas Department of Agriculture

Article 4.—Commercial Fertilizers

4-4-932. Secondary containment requirements; walls.

(a) The walls of each secondary containment facility shall be constructed of earth, steel, concrete, solid masonry or any other material approved by the secretary, and be designed to withstand a full hydrostatic head of any discharged fluid and weight load of material used in construction.

(b) All cracks, joints, and seams shall be sealed to prevent leakage.

(c) Walls constructed of earth or other permeable materials shall be lined as provided in K.A.R. 4-4-933.

(d) Earthen walls shall have a horizontal-to-vertical slope of at least three to one, unless a steeper slope is consistent with good engineering practice, and shall be packed and protected from erosion. An exterior slope of 30 degrees or less shall be protected with grass or crushed stone. Slopes greater than 30 degrees and all interior slopes shall be protected with flat road stone or a similar crushed stone material.

(e) Walls shall not exceed six feet in height above interior grade unless provisions are made for normal access, necessary emergency access to tanks, valves and other equipment, and safe exit from the secondary containment facility.

(f) Walls constructed of concrete or solid masonry shall rest upon a floating base of concrete prepared as required in K.A.R. 4-4-933 or upon suitable concrete footings which extend below the average frost depth to provide structural integrity.

(Authorized by and implementing K.S.A. 2-1227; effective Jan. 14, 1991; amended Jan. 25, 1993.)

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