

15A NCAC 02K .0209 DESIGN LIFE OF A DAM AND RESERVOIR

(a) The selection of materials and equipment to be used in a dam and all of its appurtenant features shall either be based on sufficient quality and durability to satisfactorily function throughout the design life or shall provide for safe and economical replacement within the design life span.

(b) The design life of a dam and reservoir is the period of time the dam and reservoir can be expected to perform effectively as planned. The design life of a dam shall be determined by the following:

- (1) the time required to fill the reservoir with sediment from the contributing watershed,
- (2) the durability of appurtenances and materials used to construct the dam,
- (3) the time required to permanently fill a waste treatment or storage facility with waste,
- (4) the time required to perform the specific function for which the dam was designed.

*History Note: Authority G.S. 143-215.27; 143-215.31;
Eff. June 15, 1980;
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. December 23, 2017.*