The purpose of this Rule is to set forth the design requirements for dry ponds that are constructed to meet the requirements of this Section.

(1) **SEPARATION FROM THE SHWT.** The lowest point of the dry pond shall be a minimum of six inches above the SHWT.

(2) **TEMPORARY POOL DEPTH.** The maximum depth of the temporary pool shall be 10 feet.

(3) **UNIFORM GRADING AND POSITIVE DRAINAGE.** The bottom of the dry pond shall be graded uniformly to flow toward the outlet structure without low or high spots other than an optional low flow channel.

(4) **LOCATION OF INLET(S) AND OUTLET.** The inlet(s) and outlet shall be located in a manner that avoids short circuiting.

(5) **PRETREATMENT.** Pretreatment devices shall be provided to settle sediment and prevent erosion. Pretreatment devices may include measures such as gravel verges, filter strips, grassed swales, and forebays.

(6) **DRAWDOWN TIME.** The design volume shall draw down between two and five days.

(7) **PROTECTION OF THE RECEIVING STREAM.** The dry pond shall discharge the runoff from the one-year, 24-hour storm in a manner that minimizes hydrologic impacts to the receiving channel.

(8) **OUTLET.** The dry pond shall include a small permanent pool near the outlet orifice to reduce clogging and keep floating debris away from the orifice. A screen or other device shall be provided to prevent large debris from entering the outlet system.

(9) **VEGETATION.** The dam structure, including the front and back embankment slopes, shall be planted with non-clumping turf grass, and trees and woody shrubs shall not be allowed.

*History Note:* Authority G.S. 143-214.7B; 143-215.1; 143-215.3(a);