

(A) Surface water shall be diverted from areas where industrial waste is disposed or is proposed to be disposed. Surface water that has not come in contact with industrial waste shall be conveyed rapidly from waste disposal areas. Surface water shall not be directed under or through the limits of industrial waste placement.

(B) Surface water control structures shall promote the drainage of surface water and be designed to meet the following criteria:

- (1) Accommodate the peak flow from the twenty-five year, twenty-four hour storm event.
- (2) Minimize silting and scouring.
- (3) Use non-mechanical means for permanent surface water control structures.

(C) Sediment and storm water management basins shall be designed to meet the following criteria:

- (1) The size of the sediment and storm water management basin shall provide not less than sixty seven cubic yards of storage per acre of total contributing drainage area.
- (2) The depth of the sediment and storm water management basin shall not exceed five feet.
- (3) The principal spillway shall safely discharge the surface water flow from a ten-year, twenty-four hour storm event using non-mechanical means.
- (4) The inlet elevation of the emergency spillway shall provide flood storage with no surface water flow entering the emergency spillway while allowing surface water flow through the principal spillway during a twenty-five year, twenty-four hour storm event.
- (5) The combination of principal and emergency spillways shall safely discharge the surface water flow from not less than a one hundred year, twenty-four hour storm event using non-mechanical means.
- (6) The embankment design shall provide not less than one foot of freeboard above the principal spillway, after accounting for embankment settlement.
- (7) Be designed to ensure that the settlement of soil particles will conform to all discharge permits issued by Ohio EPA pursuant to Chapter 6111. of the Revised Code and rules adopted thereunder.

(D) Paragraph (C) of this rule does not apply when less than one acre of earth is disturbed.