

*** DRAFT – NOT FOR FILING ***

3745-520-280

Surface water management system design.

- (A) Surface water control structures shall be designed to prevent runoff of surface water from within the disposal limits and all disturbed portions of the C&DD facility from discharging to any adjacent property or waters of the state except through a discharge point for which the owner or operator has obtained a permit issued pursuant to Chapter 6111. of the Revised Code.
- (B) Best management practices shall be used to prevent or reduce pollution of waters of the state. In addition to the practices specified by this rule, best management practices include but are not limited to the following:
- (1) Storage practices such as wet ponds and extended-detention outlet structures.
 - (2) Filtration practices such as grassed swales, sand filters, and filter strips.
 - (3) Infiltration practices such as infiltration basins and infiltration trenches.
 - (4) Treatment practices such as pH adjustment and addition of coagulants.
 - (5) Erosion control practices such as rock lined channels and establishment of thick vegetative cover.
- (C) Surface water that originates outside of the boundaries of disposed material shall not be directed under, over, or through disposed material.
- (D) Permanent surface water control structures shall use non-mechanical means to convey surface water.
- (E) If more than one acre of earth is disturbed, a sediment and storm water management basin system is required to treat and discharge the surface water.
- (F) Sediment and storm water management basin systems shall conform to rules 3745-511-820 and 3745-511-870 of the Administrative Code.
- (G) Surface water control structures, other than sediment and storm water management basin systems, shall be designed to conform to the following:
- (1) Promote drainage of surface water.
 - (2) Eliminate ponding.
 - (3) Minimize erosion.
 - (4) Divert surface water from disposed material.

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(5) Rapidly convey surface water that has not come in contact with disposed material away from disposed material.

(H) Permanent ditches shall conform to rule 3745-511-810 of the Administrative Code.