

SEDIMENT CONTROL MEASURES

All details for existing and planned sediment control measures are addressed in Appendix K, "Drainage Control Plan: Ponds, Impoundments, Diversions."

(1) Design and Construction of Sediment Control Measures

All sediment control measures will be designed, constructed and maintained to the standards and requirements of this rule.

(1)(a) Prevention of Off Permit Sediment Contributions

SCCC will utilize a system of collection ditches, diversions, sediment control ponds and sediment control traps to prevent additional contributions of sediment to streamflow or runoff outside the permit area.

(1)(b) Compliance of Effluent Limitations

All primary sediment control facilities will be designed to meet applicable effluent limits. At a minimum, all ponds are designed for 100% retention of the runoff volume from the 10-year, 24-hour storm event.

(1)(c) Erosion Control

SCCC will minimize erosion of disturbed, reclaimed and native areas through proper land management and farming techniques. Revegetation of reclaimed areas will commence as quickly as possible. Native areas will be grazed and managed to minimize erosion.

(2) Sediment Control Methods

SCCC will control sediment by utilizing proper mining and reclamation methods, singly or in combination. These practices will be employed within or adjacent to disturbed areas. The degree of success will be demonstrated by the reduction of erosion and sediment control through the techniques applied.

Revised 6/01; Reference - Rules Update 6/99

Not Approved

Section 17.24.638

See Vol. 1 of replaced

(2)(a) Prevention

permit for approved

Sedimentation at
one time. Prompt
will be accomplished
17.24.716 through

area disturbed at any
time to mined lands
.24.713, 17.24.714,
5.

(2)(b), (c), & (d) Sediment

sediment

SCCC will construct a series of collection ditches, traps, sumps, and ponds that meet applicable requirements separating disturbed and native area runoff. An appropriately sized settling pond will assist with control of off-site sedimentation.

(2)(e) Diverting Runoff Using Protected Channels or Pipes

SCCC, where applicable, will utilize protected channels or pipes to divert runoff through disturbed areas to eliminate additional erosion.

(2)(f) Reducing Overland Flow Velocity, Reducing Runoff Volume, or Trapping Sediment

SCCC may utilize other techniques such as, but not limited to, riprap, vegetative sediment filters, check dams, mulches, chemical treatment and other measures that reduce overland flow velocity, runoff volume or trap sediment.