Remove sediment accumulation at 1/3 rock check height max.

Slopes

(continued where points A and B are equal in elevation)

Ramp

(or approved gradation)

ECB/Geosynthetic Material Type RR

(Use when excessive runoff is expected)

Existing

Ground

Profile

Length = 2 x basin width

6 min. length

Ramp Spillway

18 min. height

Flow

Remove sediment accumulation at 1/3 basin height max.

Temporary Sediment Trap (Rock Outlet) Profile

Temporary Sediment Trap (Rock Outlet) Plan

Flow

6" min.

8' min. height

Existing

Ground

Flow

Profile

Length = 2 x basin width

6 min. length

Earth Dam

2H:1V max. side slopes

PVC or Corrugated Pipe (with perforated riser section)

Outlet Protection (ECB or Riser with Geosynthetic Material Type RR)

Emergency Spillway

2H:1V max. side slopes

Flow

1H:V max. side slopes

PVC or Corrugated Pipe (perforated)

Emergency Spillway Opening

Temporary Sediment Trap (Riser Pipe Outlet) Profile

Temporary Sediment Trap (Riser Pipe Outlet) Plan

Flow

18" min. dia.

Flow

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