

Sediment Trap Data

Trap Number				
A. Total Contributing Watershed (ac)				
B. Disturbed Area (ac)				
C. Req. Dewatering Volume (A x 1800 ft ³ /ac)				
D. Req. Sediment Storage Zone Vol. (B * 1000)				
E. Total Required Capacity (C + D in ft³)				
F. Dewatering Volume Provided (ft ³ /ac)				
G. Sediment Storage Provided (ft ³ /ac)				
Total Required Capacity (yd³)				
Average Bottom Length (L)				
Average Bottom Width (W)				
Flow L:W Ratio (2:1 min)				
Bottom Elevation (max 4 ft sed-storage d)				
Top of Embankment Elevation				
Embankment Height (max. 5 ft @ c/l from grd to top embankment)				
Embankment Side Slopes (max 2:1)				
Embankment Top Width (min. 4 feet)				
Crest of Spillway Elevation (at least 1.5' below embankment elev.)				
Top of Sediment Storage Elevation (base of stone outlet)				
Sediment Trap Weir Length (sized to pass 10-year, 24-hour storm)				
Geotextile Specified				
Aggregate (size and quantity)				
Rock (size, gradation and quality of rock)				