



NOTES :

1. PURPOSE IS TO CREATE SMALL CONTAINMENT SYSTEMS UPSLOPE OF THE CHECK DAM BARRIERS IN ORDER TO CAPTURE SEDIMENT AND REDUCE RUNOFF VELOCITIES IN UNVEGETATED DRAINAGE CHANNELS.
2. SHALL BE SPACED SO THAT THE TOP OF EACH DOWNSTREAM STRUCTURE IS LEVEL WITH THE TOE/BOTTOM OF THE UPSTREAM STRUCTURE (I.E. POINT A AND POINT B ARE OF EQUAL ELEVATION). MAXIMUM SPACING IS 15 METRES BETWEEN CHECK DAMS.
3. THE CHANNEL BETWEEN THE CHECK DAMS SHALL BE PROTECTED FROM EROSION BY SEEDING OR INSTALLING ROLLED EROSION CONTROL PRODUCTS.
4. A 300mm DEEP SUMP SHALL BE PROVIDED IMMEDIATELY UPSTREAM OF CHECK DAM. SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT ACCUMULATION REACHES 1/3 OF THE BARRIER HEIGHT.
5. ANY SEDIMENT DEPOSITION OF MORE THAN 1/3 THE HEIGHT OF THE CHECK DAM SHALL BE REMOVED AND DISPOSED OF IN A LOCATION WHERE IT WON'T BE ERODED.
6. THE CHANNEL SHALL BE EXAMINED FOR SIGNS OF SCOURING AND EROSION OF THE BED AND BANKS. IF SCOURING OR EROSION HAS OCCURED, AFFECTED AREAS SHALL BE PROTECTED BY RIP-RAP, AN EROSION CONTROL BLANKET, OR SOD.
7. CHECK DAMS CAN BE MADE FROM ROCK, WATTLES, SANDBAGS, OR MANUFACTURED GEOSYNTHETICS. SILT FENCES AND HAY BALES ARE NOT RECOMMENDED DUE TO THEIR HISTORY OF FAILURE AND INEFFECTIVENESS.

CHECK DAM



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