



## Sediment Trap



Photo Source: Colorado Department of Transportation



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One of the water quality Best Management Practices available for sediment control during CDOT highway construction is the sediment trap. This BMP consists of a small temporary ponding area formed by excavating below grade and/or by constructing an earthen embankment with a hard-lined spillway. It is used to detain sediment-laden runoff from disturbed areas to allow sediment to settle out.

This BMP should be used for a contributing drainage area of five acres or less. It is intended only for treatment of onsite runoff.

Sediment should be removed from the trap when deposition has reduced the wet storage volume by half.

Guidance: CDOT Erosion Control and Stormwater Quality Guide, Chapter 5



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