

Wet Extended



Photo Source: Colorado Department of Transportation



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The Colorado Department of Transportation uses Best Management Practices available to handle stormwater runoff permanently, after highway construction ends. One of these permanent BMPs is the wet extended detention pond. This pond captures and treats a specific volume of runoff. Unlike a dry detention area, this BMP is designed to have a permanent pool. The permanent pool facilitates biological processes that can further aid in cleaning the stormwater runoff.

The facility's relatively small outlet drains the pool slowly, ideally with a minimum drain time of 40 hours. This allows time for fine sediments to settle out, thus improving the quality of the water as it continues through downstream drainage facilities.

Guidance: CDOT Erosion Control and Stormwater Management Guide, Ch. 6



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