



Extended Detention Pond with Micropool



Photo Source: Colorado Department of Transportation



02-0301-11



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Extended Detention Pond with Micropool

The Colorado Department of Transportation uses various Best Management Practices available to handle storm-water runoff permanently, after highway construction ends. One of these permanent BMPs is the extended detention pond with a micropool. This area is normally dry, but fills up after a rain event.

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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