

# Urban BMP

Urban BMP	Description	Benefits
Stormwater Retrofits	Provide pollution reduction from existing development	<p>Prevent or reduce flood damage to local property and infrastructure</p> <p>Remove toxic pollutants and harmful bacteria from local waterways</p> <p>Protect local streams from severe bank erosion and improve aquatic health</p> <p>Provide aesthetic improvements by greening heavily urbanized areas</p>
Stormwater Practices at New and Redevelopment Projects	Capture and treat stormwater runoff	<p>Reduce urban heat island effect</p> <p>Provide traffic calming and improve pedestrian safety</p> <p>Save energy to heat and cool buildings</p> <p>Increase tree canopy and provide urban wildlife habitat</p>
Enhanced Erosion and Sediment Control	Reduce sediment loss from active construction sites	<p>Result in high sediment reduction benefit for a low cost</p> <p>Protect forests, wetlands, and streams from damage during construction</p> <p>Establish and protect open space</p> <p>Conserve natural soil properties at the site</p>
Urban Turf Practices	Limits or eliminates phosphorus from commercial fertilizers	<p>Prevent erosion and soil loss</p> <p>Reduce turf and landscape maintenance costs</p> <p>Provide more healthy, attractive and durable ground cover</p>

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<b>Urban Forest Management Practices</b>	<p>Urban Tree Canopy Expansion: provides pollution reduction credit for every new, individually planted tree in a developed community</p> <p>Urban Forest Planting: provides credit by meeting state planting density and understory management requirements</p>	<p>Improve air quality</p> <p>Reduce urban temperatures</p> <p>Mitigate climate change impacts</p> <p>Provide attractive green spaces that serve as an important wildlife habitat</p>
<b>Stream Restoration</b>	<p>Restores degraded urban streams</p>	<p>Improve aquatic and wetland habitats</p> <p>Prevent or reduce flood damage to local property and infrastructure</p> <p>Provide aesthetic improvements in the community</p> <p>Reduce trash pollution</p>
<b>Street Cleaning</b>	<p>Reduce trash, toxic contaminants, and smaller particles that impact water quality</p>	<p>Offer credits for both street and storm drain cleaning</p> <p>Offer 11 different ways to report your program for credit</p> <p>Meet most, if not all, of communities' load reduction</p>
<b>Fixing Discharges from Gray Infrastructure</b>	<p>Include a wide range of non-stormwater flows polluting urban waters during dry weather due to spills, leaks, and overflows from storm sewers and sanitary sewers</p>	<p>Improve public health and safety</p> <p>Inform and engage the public in pollution sources</p> <p>Incentivize the systematic restoration of leaky infrastructure</p>
<b>Septic Upgrades and Enhanced Wastewater Treatment</b>	<p>Upgrade residential septic systems and small wastewater treatment plants</p>	<p>Most effective in the coastal plain in close proximity to tidal waters</p> <p>Increase their nutrient capability</p> <p>Can measure reductions</p>