




# BMP Section and Design

## Street Sweeping

This Construction Stormwater Best Management Practice must be conducted in accordance with TxDOT plans and specifications and manufacturer specifications, where applicable, and the Construction General Permit (TXR 150000).

	<p><b>DESCRIPTION</b></p> <p>Street sweeping is the practice of removing tracked sediment from construction sites and from public roads. Removing the tracked sediment prevents it from entering storm drains and water bodies. It is also helps to alleviate vehicular safety hazards.</p>		
<p><b>TYPES</b></p>			
<p>Mechanical sweeper</p>	<p>Vacuum-assisted sweeper</p>		
<p>Vacuum-assisted, dry, waterless sweeper</p>	<p>Regenerative-air sweeper.</p>		
<p><b>APPLICATION</b></p>			
<p>All tracked sediment originating from the construction site should be removed from public and private roadways via sweeping or vacuuming. Street sweeping is utilized for sediment control, waste management, and good housekeeping.</p> <table border="0" data-bbox="99 1066 1521 1262"> <tr> <td style="text-align: center; vertical-align: top;"> <p><b>Advantages</b></p> <ul style="list-style-type: none"> <li>• Cost effective form of sediment capture</li> <li>• Easily performed during construction activities</li> <li>• The use of centralized entrances/exits will help minimize tracked soil from leaving the site.</li> </ul> </td> <td style="text-align: center; vertical-align: top;"> <p><b>Disadvantages</b></p> <ul style="list-style-type: none"> <li>• Difficult to sweep/vacuum soil that is wet or compact</li> <li>• Street vacuums man not be allowed in cities</li> </ul> </td> </tr> </table>		<p><b>Advantages</b></p> <ul style="list-style-type: none"> <li>• Cost effective form of sediment capture</li> <li>• Easily performed during construction activities</li> <li>• The use of centralized entrances/exits will help minimize tracked soil from leaving the site.</li> </ul>	<p><b>Disadvantages</b></p> <ul style="list-style-type: none"> <li>• Difficult to sweep/vacuum soil that is wet or compact</li> <li>• Street vacuums man not be allowed in cities</li> </ul>
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<p><b>REFERENCES:</b> TxDOT Temporary Erosion, Sedimentation, and Environmental Controls: Item 506 (Sections 2.10 &amp; 4.4.4)          TPDES Construction General Permit TXR 150000 Part III.F and Part III.G</p>			