

BMP C151: Concrete Handling

<i>Purpose</i>	Concrete work can generate process water and slurry that contain fine particles and high pH, both of which can violate water quality standards in the receiving water. This BMP is intended to minimize and eliminate concrete process water and slurry from entering waters of the state.
<i>Conditions of Use</i>	<p>Any time concrete is used, these management practices shall be utilized. Concrete construction projects include, but are not limited to, the following:</p> <ul style="list-style-type: none">• Curbs• Sidewalks• Roads• Bridges• Foundations• Floors• Runways
<i>Design and Installation Specifications</i>	<ul style="list-style-type: none">• Concrete truck chutes, pumps, and internals shall be washed out only into formed areas awaiting installation of concrete or asphalt.• Unused concrete remaining in the truck and pump shall be returned to the originating batch plant for recycling.• Hand tools including, but not limited to, screeds, shovels, rakes, floats, and trowels shall be washed off only into formed areas awaiting installation of concrete or asphalt.• Equipment that cannot be easily moved, such as concrete pavers, shall only be washed in areas that do not directly drain to natural or constructed stormwater conveyances.• Washdown from areas such as concrete aggregate driveways shall not drain directly to natural or constructed stormwater conveyances.• When no formed areas are available, washwater and leftover product shall be contained in a lined container. Contained concrete shall be disposed of in a manner that does not violate groundwater or surface water quality standards.
<i>Maintenance Standards</i>	Containers shall be checked for holes in the liner daily during concrete pours and repaired the same day.