



BMP Section and Design

Material and Equipment Use Over Water

The Material and Equipment Use Over Water Best Management Practice must be installed, maintained, and removed in accordance with TxDOT plans and specifications and manufacturer specifications, where applicable.

	<p>DESCRIPTION</p> <p>Material and equipment use over water addresses general procedures for use, storage, and disposal of materials and equipment located over water. These procedures minimize the potential for pollutants to be discharged into receiving waters.</p>
<p>APPLICATION</p>	
<p>Material and equipment use over water controls are applicable when construction materials and wastes (solid and liquid) are used on platforms located within or adjacent to bodies of water. Applicable platforms include, but are not limited to, the following:</p> <ul style="list-style-type: none"> • Barges • Boats • Bridges • Docks • Temporary construction pads <p style="text-align: center;">Advantages</p> <ul style="list-style-type: none"> • Reduce stormwater pollution • Can be used in conjunction with other BMPs <p style="text-align: center;">Disadvantages</p> <ul style="list-style-type: none"> • Requires permitting 	
<p>DESIGN CRITERIA</p>	
<ol style="list-style-type: none"> 1. All construction sites must implement the material and equipment use over water BMP if construction activities are scheduled within or adjacent to surface waters 2. This BMP should be implemented in accordance with all required permits (e.g., RWQCB, USACE, Department of Fish and Wildlife, etc). 3. Material and equipment use over water BMPs must be documented in the SW3P layout sheets 4. Watertight curbs or toe boards should be installed to contain spills and prevent materials from leaving the platform 5. All materials should be secured to prevent accidental discharge via wind 6. Accumulated wastes and unused materials should be regularly removed from the platform and stored or disposed of daily 7. Maintain vehicles and equipment in accordance with 'Vehicle and Equipment Management 8. Any accidental discharges should be reported upon discovery. Refer to "Spill and Leak Control". 9. This BMP must be used in conjunction with the following BMPs. <ul style="list-style-type: none"> • Vehicle and Equipment Management • Street Sweeping • Chemical Management • Contractor Waste Management • Sanitary Waste Management • Spill and Leak Control • Stockpile Management 	
<p>REFERENCE: TPDES Construction General Permit TXR150000 Part III F and Part III G</p>	