

# Catch pit protection



Always implement appropriate best management site practices and primary environmental controls to prevent problems from first occurring, and minimise the amount of contaminants you have to manage and the potential risks of discharges from your site.



To prevent run off of muddy/silty water into gutters and drains, use one or more of the following measures:

1. **Bunding:** The drain is surrounded by a sediment sock/tube or sand bags, which traps sediment but still allows water to flow through to prevent flooding.
2. **Catch pit (sump protection):** Install a specially designed bag inside the drain sump to catch any dirty/silty run off but allow water to flow through. The methodology for ensuring no gap between the fabric and the road surface is always an issue. The best approach is to put light gravel on top to weigh down the fabric.
3. **Covering:** This must be well secured to prevent any water seeping through. If the drain grate can be lifted, place a barrier sheet/plastic under it and hold in place by the grate. Only use this method when there is no risk of causing flooding elsewhere.

