

## FACT SHEET (4)

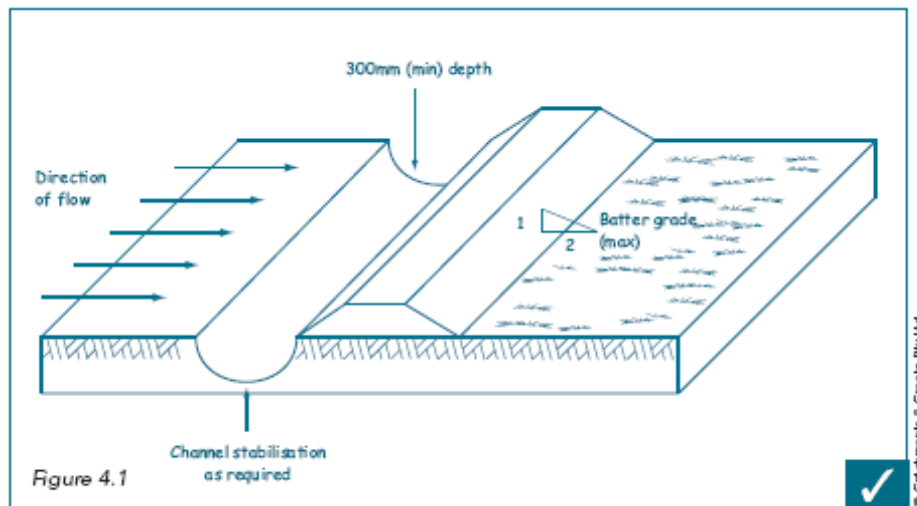
### DRAINAGE CONTROL

#### BEST PRACTICE GUIDELINES FOR THE CONTROL OF STORMWATER POLLUTION FROM BUILDING SITES

This erosion and sediment control fact sheet is part of living for the future in a clean green Emerald.

### Diversion of up-slope water

Where practicable, or where stormwater run-off from more than 0.5 ha feeds into the work site, divert up-slope water around the soil disturbance. Stormwater can be diverted with the use of small catch drains or perimeter banks (refer Fact Sheet 2). Line all high flow velocity drains with turf or a geotextile fabric to avoid unnecessary soil erosion (refer Figure 4.1). Diverted stormwater should be discharged onto stable areas and should not be diverted into neighbouring properties, unless written permission is obtained from the land owner(s). Avoid directing stormwater towards the site's entry/exit point (refer Figure 4.2).

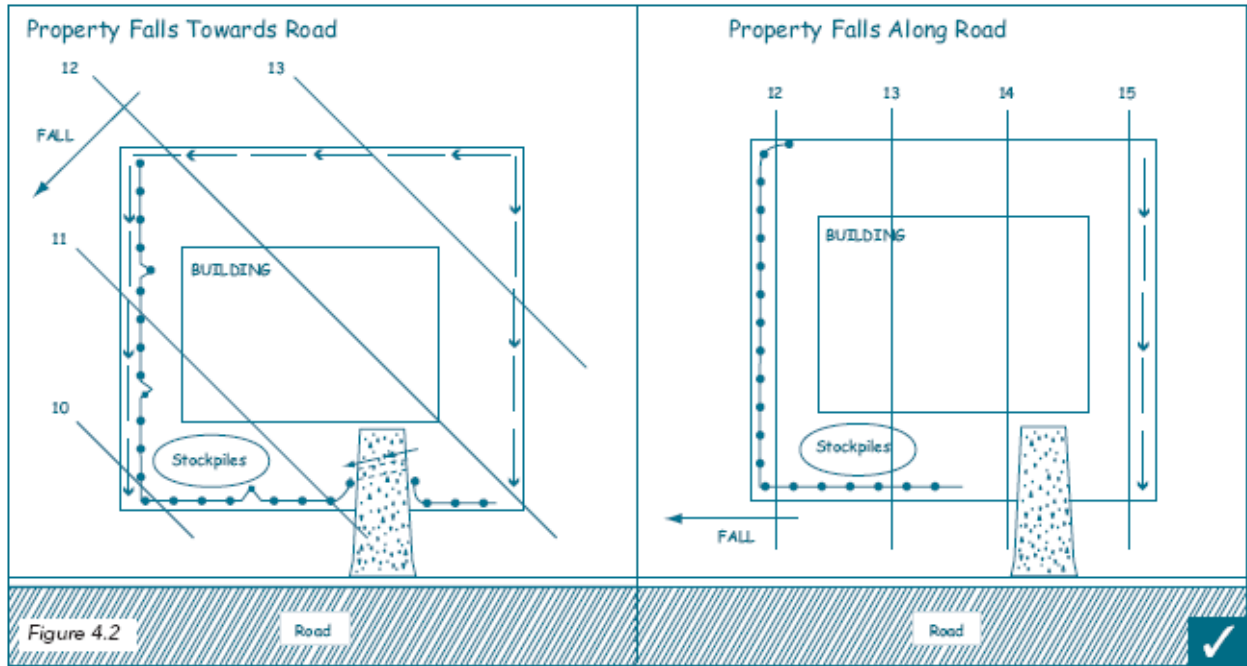


Divert stormwater around disturbed area

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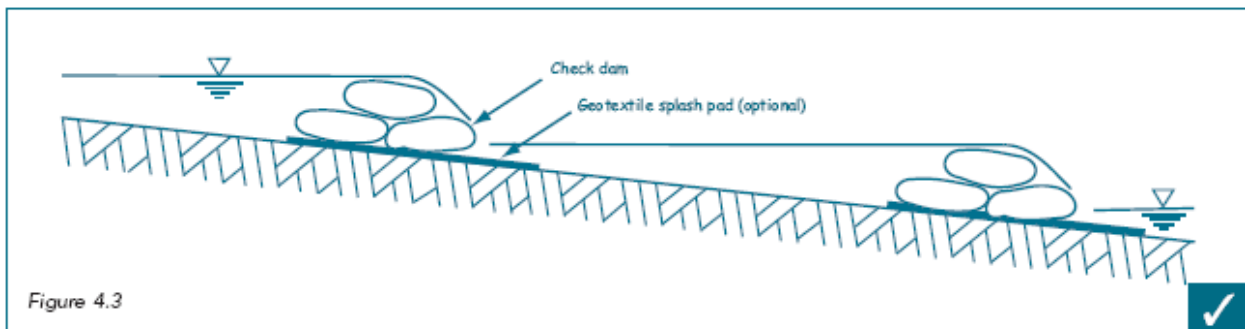
(2)



Examples of how to divert stormwater run-off around the disturbed areas

### Check dams

Soil erosion in unlined diversion drains can be controlled with the use of check dams constructed from sand or gravel filled bags. Space the check dams so the crest of the down-slope dam is level with the base of the up-slope dam (refer Figure 4.3).



Check dams

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**DRAINAGE CONTROL**

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**Roof water connection**

The early connection of roof water to the stormwater system will reduce site wetness and the generation of on-site mud. Temporary or permanent downpipes should be installed prior to frame inspection and as soon as practicable after the roof is laid. This practice has been shown to reduce downtime following storm events and decrease the average building construction time.



Temporary roof water connection



Temporary roof water connection

**Note: Diagrams and selected photos courtesy of Catchments & Creeks Pty Ltd.**

**Note: Selected written material courtesy of Brisbane City Council  
& Environmental Protection Agency.**