

Your Building Site

The Whitsunday Regional Council has developed this erosion and sediment control fact sheet to assist in its goal to protect, enhance and promote its natural assets. Soil erosion, sediment and litter from building sites can be major sources of stormwater pollution and can cause significant harm to our sensitive marine environments like the Great Barrier Reef.

Erosion and Sediment Control Plans

An Erosion and Sediment Control Plan (ESCP) needs to be prepared by the applicant and approved before any approved work or activities begin. These plans need to be communicated to all involved – sub-contractors, private certifiers, home owners and regulators – how stormwater pollution is to be controlled on the site and who is responsible for its control.

Where appropriate, ESCP's should include, but not be limited to, the following information:

- property boundaries
- general soil description
- existing and final contours – including location of cut and fill banks
- existing and final overland flow drainage paths
- limits of clearing where applicable e.g. on large properties
- location of vegetated buffer strips
- stabilised entry/exit point (rumble pad)
- location of soil and sand stockpiles
- location of all proposed temporary drainage control measures
- location of all proposed erosion control measures (alternatively, use notes to describe locations) including installation sequence and maintenance requirements
- permanent site stabilisation measures
- a statement of who is responsible for establishing and maintaining all erosion and sediment measures.

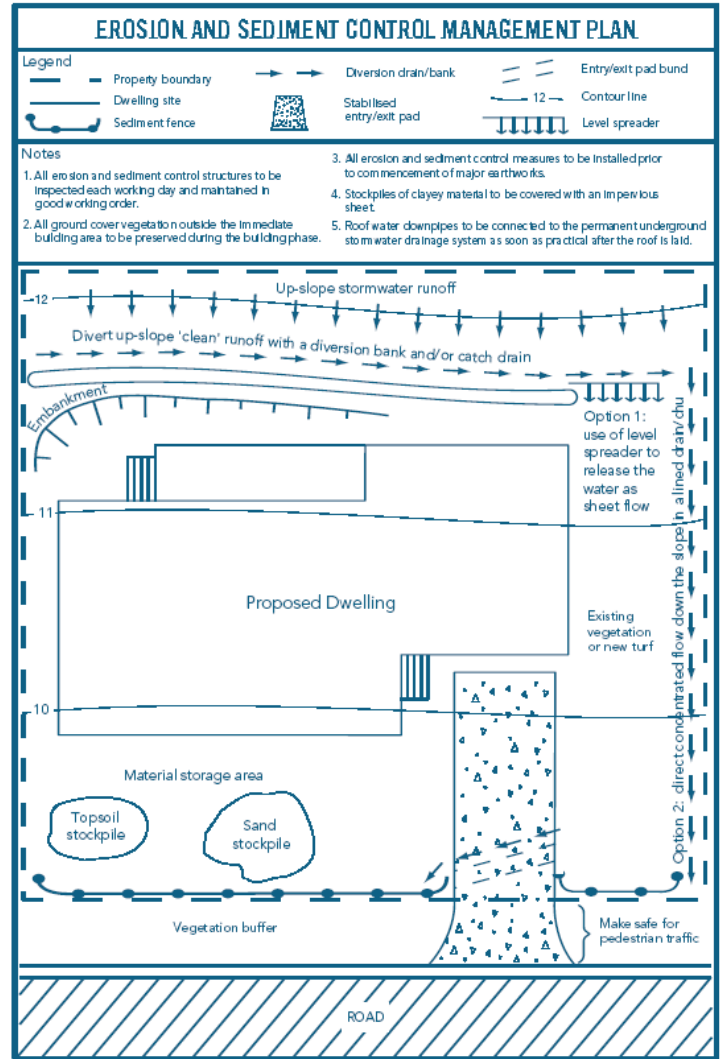
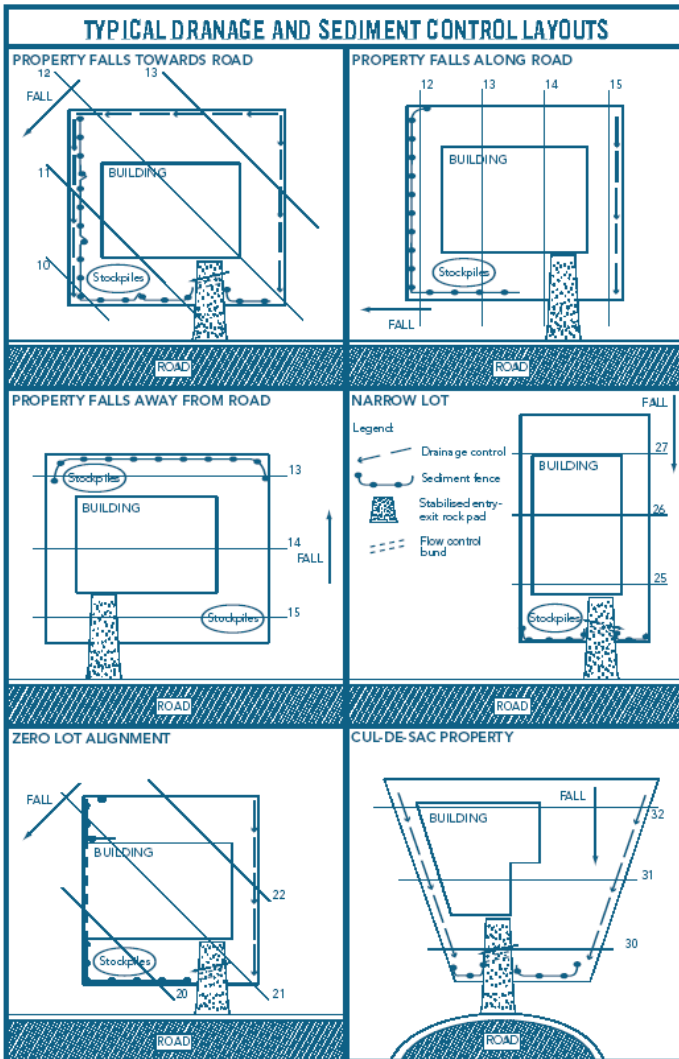
Installation Sequence

The timing of works and the installation of control measures has a major influence on the management of stormwater.

Erosion and Sediment Control Installation Sequence

1. Establish a single stabilised entry/exit point (rumble pad).
2. Install sediment fence(s) along the low side of the site.
3. Divert up-slope water around the work site and appropriately stabilise any drainage channels.
4. Clear only those areas necessary for building work to occur.
5. Stockpile topsoil within the sediment-control zone.
6. Stabilise exposed earth banks e.g. vegetation, erosion control blankets.
7. Install on-site waste receptacles e.g. mini-skips, bins, reo cages. These should be covered to prevent waste being moved by wind.
8. Commence building activities.
9. Install roof downpipes as soon as practicable after the roof is laid.
10. Maintain all control measures in good working order.
11. Revegetate or otherwise stabilise the site. **Pollution**

Sample Management Plans



Further Details:

Whitsunday Regional Council

PO Box 104, Proserpine QLD 4800

Phone: (07) 4945 0200

Website: www.whitsundayrc.qld.gov.au E mail: info@whitsundayrc.qld.gov.au

These fact sheets are based on those produced by the South East Queensland Healthy Waterways Partnership.