

Soil erosion from building and development sites can be a major source of sediment pollution in our waterways.

A cleared standard residential-sized block can lose up to four truckloads of soil in one storm.

The sediment can cause flooding, damage infrastructure and affects the water quality in our creeks, rivers and ocean.

Benefits of effective on site erosion and sediment controls are:

- All-weather site access;
- Improved wet weather working conditions;
- Improved drainage and reduced site wetness;
- Reduced stockpile losses;
- Less mud and dust problems;
- Reduced clean-up costs;
- Fewer public complaints;
- Better public image, more marketable sites;
- Reduced risk of fines;
- Better fishing; and
- Less damage to our environment.

What you can do

Everyone has a responsibility to protect the environment.

Site supervisors are required to make sure that all workers, including sub-contractors, do the right thing.

It is unlawful for any contaminant to enter a stormwater system.

If you do have an accident and pollution occurs, you are required by law to notify Council so it can work with you to minimise any harm to the environment.

Regulation of building and development sites

Authorised persons from Council enforce the environmental legislation and undertake routine inspections of building and development sites.

They will provide advice and assist builders and developers to comply with their environmental duty under the Act.

Further information is available by contacting Council or visit Council's website.

June 2015 2535670v4

STAY CONNECTED



Telephone us
1300 79 49 29



Email us
enquiry@frasercoast.qld.gov.au



Check out our YouTube Channel
www.youtube.com/frasercoastrc



Visit our website
www.frasercoast.qld.gov.au



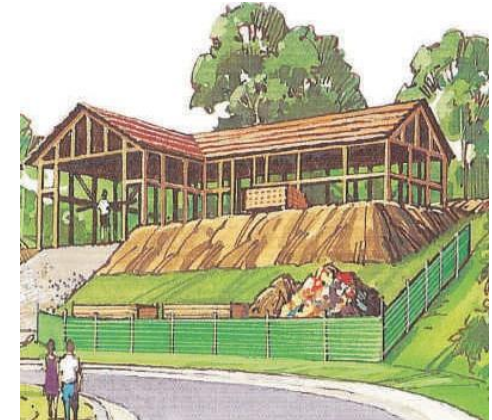
Find us on Facebook
www.facebook.com/FraserCoastCouncil



Follow us on Twitter
www.twitter.com/frasercoastrc



Erosion and Sediment Control



Stormwater is not **Wastewater**.

Because stormwater flows straight into our waterways, we need to do everything we can to make sure it is pollution free.

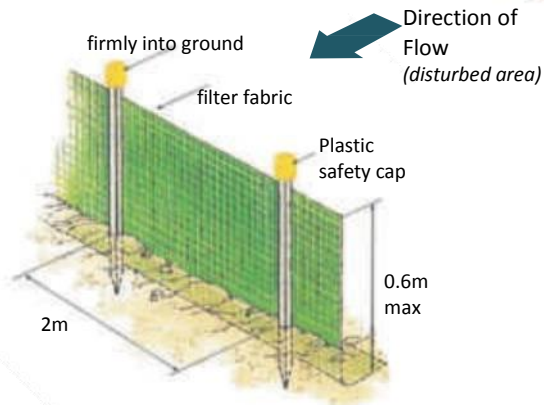
The following management practices will minimise sediment run-off from your building site

Minimising disturbance when excavating

Preserve as much grassed area as possible as these areas not only to improve the appearance of your site, they also filter much of the sediment from stormwater run-off before it reaches the drainage system.

Catch drains and Perimeter banks

Where possible allow for diversion of up slope stormwater around the work site and other disturbed surfaces.

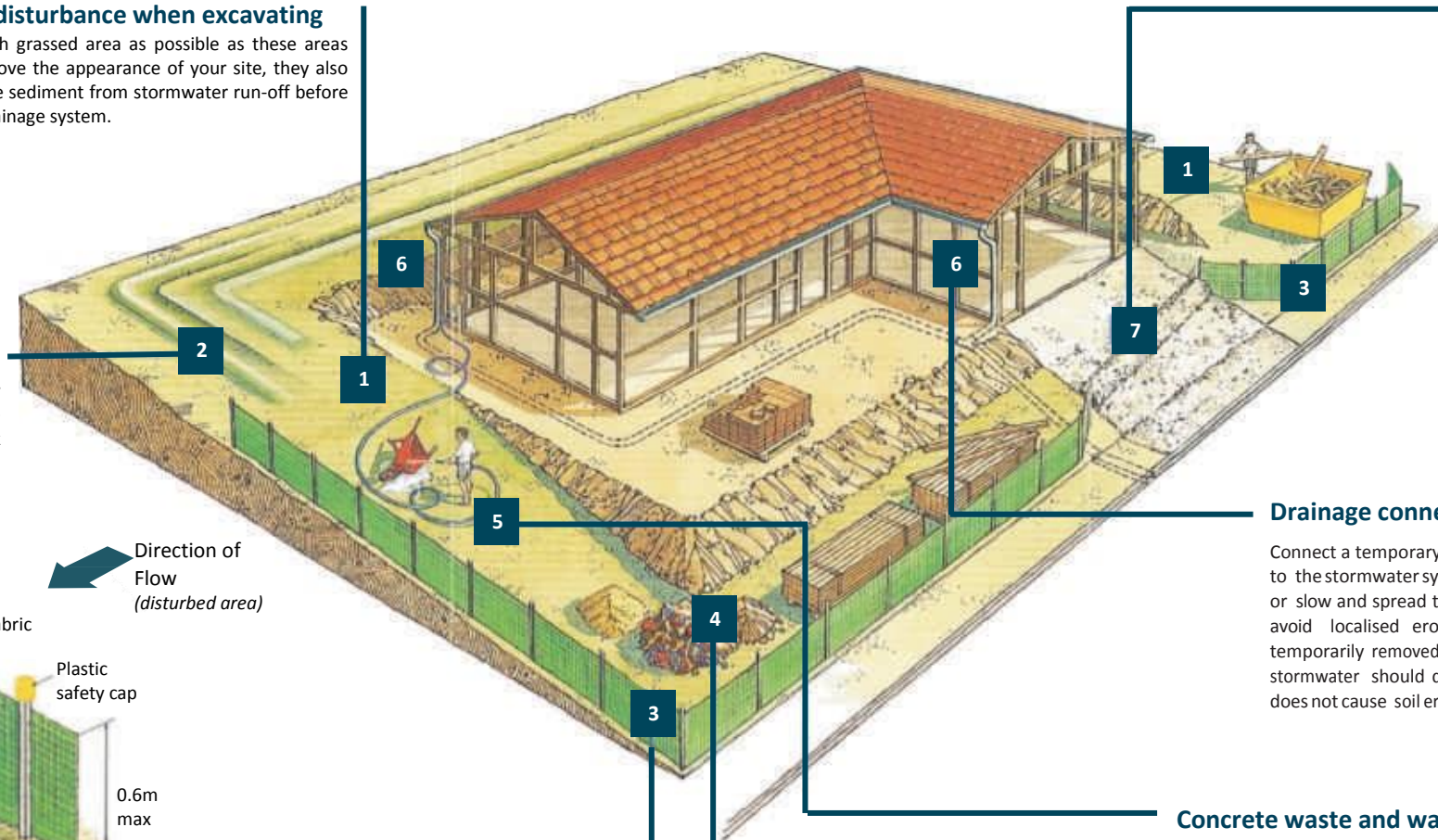


Install a sediment barrier

Sediment barriers down slope of the building site filter coarse sediment before it can wash into the gutters, drains and waterways.

Sediment Barrier Techniques

- Geotextile sediment fabric attached to posts with geotextile buried in an upstream trench; or
- Place turf on a minimum 600mm width along kerb line.



Single gravelled entry-exit

Restrict vehicle access to one entry-exit point where possible. Gravelled the access point will allow all weather access, will reduce the amount of soil carried off the site by vehicles and will provide a permanent base for the driveway.

Drainage connection

Connect a temporary or permanent downpipe/s to the stormwater system before laying the roof- or slow and spread the flow from downpipes to avoid localised erosion. Downpipes may be temporarily removed during wall construction. All stormwater should discharge in a manner that does not cause soil erosion.

Concrete waste and washing

Waste concrete and household paint must not be allowed to wash into the gutters or the street.

Sand and soil stockpiles

Stockpiles should be placed wholly on the construction site and behind a sediment barrier.