

# FACTSHEET 07

## Grass Filter Strips

**STRIPS OF VEGETATION LEFT OR PLANTED DOWN-SLOPE FROM EARTHWORKS PROVIDE A SIMPLE METHOD OF TRAPPING COARSE SEDIMENT.**

The flatter and wider the filter strips are, the more effective they become.

A 400 mm wide grass strip can be installed next to a kerb to stabilise the area between the kerb and footpath. It is also valuable for trapping sediment in very small rainfall events.

For best results it is advised that the whole footpath is planted.

Grass strips will stabilise a disturbed site quickly and easily and act as an excellent erosion and sediment control device.

**+ Advantages.** Grass filter strips can be very effective in removing coarse sediment upstream from detention basins or infiltration structures.

They prevent sediment travelling from bare soil areas towards the formal drainage system.

**! Remember** that grass filter strips are only suitable on low grades.

### CONSTRUCTION NOTES

1. Install minimum 400 mm wide roll of turf on the footpath adjacent to the kerb and at the same level as the top of the kerb.
2. Lay 1.4 metre long turf strips (at 90 degrees) every 10 metres.
3. Rehabilitate disturbed soil behind the turf strip in accordance with the ESCP/SWMP.

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**CORRECT USE OF A GRASS FILTER STRIP**

