

CHECKLIST 17: Silt fence

Contractor:	Date:	Consent number:	Site:
	Time:		
Construction checklist		Yes ✓	No ✗ (Add comments to explain)
Check back to sections 5.3 [link] for full information. Also see the Figures over the page.			
The silt fence material suits the site conditions and is used to the manufacturer's specifications			
Silt fences are installed along the contour			
There is a trench at least 100 mm wide and 200 mm deep along the proposed line of the silt fence			
Support posts/steel waratahs are installed at least 1.5 m long and 2-4 m apart			
Support posts/waratahs are installed on the downslope edge of the trench, with silt fence fabric on the upslope side of the support posts to the full depth of the trench. The trench is backfilled with compacted soil			
The top of the silt fence fabric is reinforced with a support made of high tensile 2.5 mm diameter galvanised wire. The wire is tensioned using permanent wire strainers attached to angled waratahs at the end of the silt fence			
The silt fence fabric is doubled over and fastened to the wire with silt fence clips at 500 mm spacings			
Where ends of the silt fence fabric come together, they are overlapped, folded and stapled/screwed to prevent sediment bypass			
Inspection and maintenance checks are done, recorded and dated, along with any comments			

Note: this is an on-site, self-check list for contractors to use. Keep your completed checklists to show Compliance Officers your set up, monitoring and maintenance, if requested.

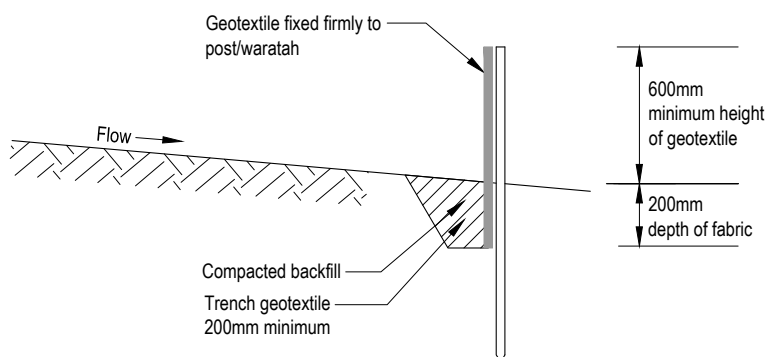
Signature:

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FIGURES: Silt fence

Slope steepness %	Slope length (m) (maximum)	Spacing of returns (m)	Silt fence length (m) (maximum)
Flatter than 2%	Unlimited	N/A	Unlimited
2 - 10%	40	60	300
10 - 20%	30	50	230
20 - 33%	20	40	150
33 - 50%	15	30	75
> 50%	6	20	40

Silt fence design criteria

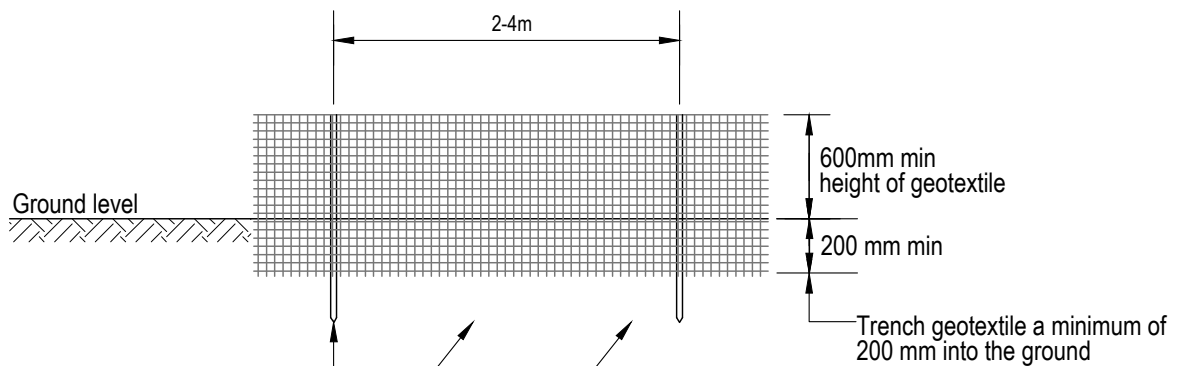


Cross - section

Silt fence cross section

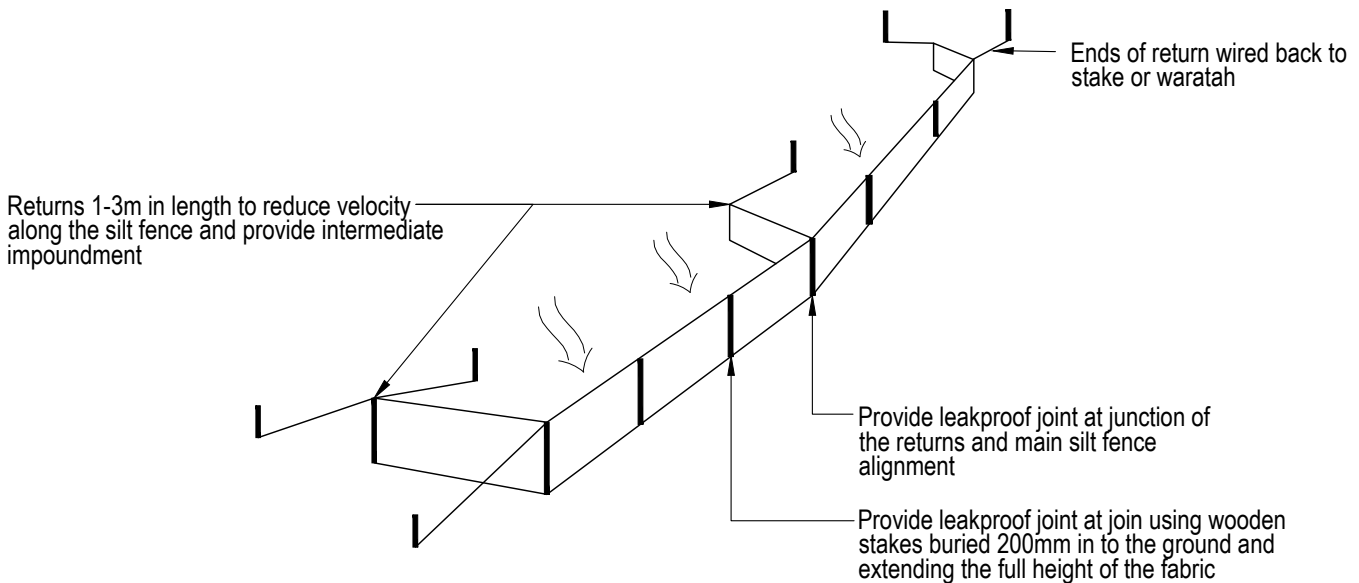
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FIGURES: Silt fence



Steel standards such as waratahs or standard wooden fenceposts (no.3 rounds minimum) driven a minimum of 400mm into the ground

Elevation



Silt fence with returns and support wire