

ESC Checklist for House Sites

EROSION & SEDIMENT CONTROL TOOLKIT FOR HOUSE BUILDERS

This checklist has been prepared as a guide to best-practice erosion and sediment control (ESC) for house builders. If you answer 'No' to any of the questions below, you might not have adequate erosion and sediment control measures in place on your work site. Visit waterbydesign.com.au/esc to find out more.

MINIMISE EROSION

1	Soil Cover		
1.1	Has all exposed soil around the site been covered to minimise erosion?	Yes	No
1.2	Is soil cover adequate and does not require maintenance?	Yes	No
2	Kerb to Lot Groundcover		
2.1	Is the road verge fully covered by turf or other groundcover?	Yes	No
2.2	Are vehicles and materials being kept off the verge groundcover?	Yes	No
2.3	Is the verge groundcover adequate and does not require maintenance?	Yes	No
3	Stockpile Protection		
3.1	Are erodible stockpiles securely covered if not in use (e.g. brickies loam)?	Yes	No
3.2	If not securely covered, are stockpiles located behind an appropriate sediment barrier?	Yes	No
3.3	Are stockpiles adequately protected and do not require maintenance?	Yes	No

MANAGE STORMWATER FLOWS

4	Run-off from Adjacent Sites		
	Proceed with the following question if significant stormwater run-off from adjacent lots is likely to enter your site (i.e. area greater than 1,500m ² or 3 house lots).		
4.1	Have adequate drainage diversions been installed and adequately maintained to divert run-off from adjacent sites?	Yes	No
5	Downpipe Connections		
	Proceed with the following questions if the roof has been laid. Otherwise, proceed to Q6.		
5.1	Are all temporary or permanent downpipes appropriately connected to the stormwater system?	Yes	No
5.2	Are the downpipes free of kinks and rips, and securely connected at each end?	Yes	No
5.3	Are all downpipes fully operational and do not require maintenance?	Yes	No

CAPTURE SEDIMENT

6	Entry/Exit Rock Pad		
6.1	Has a stabilised entry/exit rock pad been installed to the correct specifications?	Yes	No
6.2	Has loose soil been prevented from being tracked onto the road?	Yes	No
7	Coarse Sediment Barriers		
7.1	Have effective sediment barriers been installed on-site and to the correct specifications?	Yes	No
7.2	Are the sediment barriers free of excessive sediment build-up, rips or gaps?	Yes	No
7.3	Are all sediment barriers fully operational and do not require maintenance?	Yes	No
8	Stormwater Inlet Protection		
8.1	Are all on-site stormwater inlets adequately protected against sediment entry?	Yes	No
8.2	The on-site stormwater inlets do not require sediment removal or maintenance?	Yes	No
9	Road and Verge Maintenance		
9.1	Is the road and verge outside my site clean of loose soil and sediment?	Yes	No
9.2	Are the sediment controls only installed in the roadside gutter or at stormwater inlets with the local council's approval?	Yes	No

OTHER IMPORTANT CHECKS

10	Run-off from Concreting Work		
10.1	Are the controls adequate to prevent concrete slurry and wastewater from entering stormwater inlets (e.g. from exposed aggregate, acid washing)?	Yes	No
10.2	Has all concrete waste material been cleaned from the road and gutter?	Yes	No
11	Other 'Wet Trades'		
11.1	Has wastewater from other 'wet trades' (e.g. painting, plastering) been prevented from entering stormwater inlets or from flowing off-site?	Yes	No
12	Waste Skip/Cage		
12.1	Is there a waste skip or cage located on-site?	Yes	No
12.2	Is all building waste, food and drink containers that could wash or blow off-site going into the skip bin or cage?	Yes	No
13	On-site Education		
13.1	Have all staff, trades and suppliers been made aware of the pollution prevention requirements on this site and the consequences if they breach these requirements?	Yes	No
14	Site Handover to Client		
	Proceed with the following questions only if the house is at handover stage.		
14.1	Have all areas of exposed soil been covered at the time of handover to the client?	Yes	No
14.2	If you answered 'No' to Q14.1, has the client been advised in writing of their obligations to have adequate ESC measures in place?	Yes	No

Find out more at waterbydesign.com.au/esc

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