

# ENGINEERING WORKS ENVIRONMENTAL MANAGEMENT CHECKLIST



<b>Name of Subdivision / Stage / Package:</b>	<b>Inspection Date:</b>
<b>Location:</b>	<b>File No:</b>
<b>Contractor:</b>	<b>Contact No:</b>

This checklist has been designed to identify relevant requirements; review measures put in place and subsequently check they are maintained throughout a construction project.

No.	ITEM	CHECK	COMMENT	NON-CONFORMANCE [OR IMPROVEMENT]
1	Have appropriate environmental protection measures been implemented for the activities to be undertaken (e.g. Clearing, sealing)?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2	Is the weather appropriate for the activities being undertaken?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3	Has a program of works been submitted with consideration for the environmental impacts of works during wet and dry periods	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4	Are silt fences effective (i.e. appropriately supported, located and weighted down)?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5	Are silt fences being appropriately and regularly maintained (e.g. Removal of sediment build up, wind damage)?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6	Are silt traps / sedimentation ponds effective and located appropriately (i.e. at low points and appropriately sized)?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7	Are straw bales adequate and located appropriately?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8	Are other structural or non-structural measures being proposed?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9	Are silt traps / sedimentation ponds and other water quality control structures being adequately maintained and operated?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10	Have processes been designed or measures installed or implemented to monitor water quality and ensure no detrimental impact on downstream structures or assets can occur?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
11	Are catch drains installed and effective?	<input type="checkbox"/> Yes <input type="checkbox"/> No		

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12	Are contour catch drains or ripper lines necessary to reduce siltation, deposition, break sheet flow paths and reduce flow velocities?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
13	Are drainage works, earthworks, roadways or banks likely to alter the predevelopment overland flow regime after storms and during flooding?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
14	Are works likely to impact on natural drainage lines, depressions, watercourses, creeks or rivers?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
15	Are drainage lines free from obstructions?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
16	Are drainage diversions, structures or works necessary to allow flow / flood bypass?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
17	Have clear water or environmental flow diversions been installed or planned?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
18	Are soil type and classification known?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
19	Has filling, landfill, rubbish disposal, or other contamination occurred in the general vicinity of the works (e.g. sheep dip sites)?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
20	Is water table depth and chemical composition known?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
21	Is water for construction purposes proposed to be extracted directly from nearby streams, creeks, dams or watercourses	<input type="checkbox"/> Yes <input type="checkbox"/> No		
22	Is non-potable water proposed to be used on the construction site?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
23	Are remedial works likely to be necessary after works are completed?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
24	Is water table depth and chemical composition likely to be affected by the proposed works?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
25	Are batters topsoiled or otherwise protected?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
26	Are stockpiles or machinery located away from environmentally sensitive areas (e.g. within the drip line of trees, too close to watercourse)?	<input type="checkbox"/> Yes <input type="checkbox"/> No		

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27	Has the site or works been checked to confirm if works will effect or alter heritage listing or protection?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
28	Is there any archaeological, indigenous or historical significance connected to or associated with the site?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
29	Are stockpiles fenced, protected, or sown with seed, where appropriate?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
30	Are stockpiles protected from runoff water and downstream erosion?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
31	Are roads providing access to the site free from dirt and mud?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
32	Does it appear construction works will impact on any surrounding properties?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
33	Is the site free from any significant dust problems?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
34	Is weed infestation or transport likely from the site or onto the site?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
35	Is a vehicle wash being operated and maintained effectively?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
36	Is there evidence that any fuel or chemical storage facilities have been inspected and approved (e.g. WorkCover approval)?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
37	Does machinery on site appear to be in good working order (e.g. Free from oil/fuel leaks)?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
38	Will/are chemicals or fuels stored and secured in an area where spills can be contained and will be unlikely to be damaged by vehicles?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
39	Are Material and Safety Data Sheets available for hazardous chemicals proposed to be used for the works?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
40	Has a chemical register been prepared and is it up to date?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
41	Is spill response equipment available and do those who are likely to use it, know where it is stored and provide evidence of training?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
42	Is noise on the site at a level that is likely to cause concern for fauna habitat?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
43	Could clearing or works on the site inconvenience or permanently alter fauna habitat?	<input type="checkbox"/> Yes <input type="checkbox"/> No		

