

MEDQ Risk Assessment template

Form S1-PCS-5 – version 01 – effective 16 October 2017

In respect of: [Insert project details including stage number of approval number]

To be undertaken by the appointed Project Coordinator.

		RISK			KEY QUESTIONS	TOOLS FOR MANAGING RISK
		Event (events that may occur given non-compliance)	Consequence (resulting if the event occurs)	Likelihood (of the event occurring)		
Design parameters - outlines a summary of the design issues that need to be considered to achieve the development outcome and to determine any associated risks	A risk event is a negative or positive event that may occur with regard to the design parameter	A risk consequence Score as: Disastrous = 3 Moderate = 2 Low = 1 or 0	Risk likelihood , score as High likelihood = 3 Medium likelihood = 2 Low likelihood = 1 Not Likely = 0	The overall risk is determined by multiplying the scores for consequence and likelihood. Scores are: 1 to 3 = LOW 4 to 6 = MED 7 to 9 = HIGH	Key questions may need to be asked to determine the level of risk associated with a design issue	Management tools may be required to mitigate any risks. These tools can range from imposing conditions and/or certification procedures. In some instances, the level of risk and design parameter may not necessitate any management actions.
Engineering						
Earthworks (including cut and fill, retaining walls, sediment and erosion control and stockpiling)	Soil stockpiles leached onto roads and into stormwater	2	2	4	What is the slope of the land? What is the proximity to waterways?	A condition of approval is an RPEQ certified erosion and sediment control plan
Water supply (including fire fighting capacity)						
Sewer reticulation						
Stormwater management						
Utilities services (telecommunications, energy)						



	RISK			KEY QUESTIONS	TOOLS FOR MANAGING RISK
	Event (events that may occur given non-compliance)	Consequence (resulting if the event occurs)	Likelihood (of the event occurring)		
Traffic and transport (road network, travel patterns, public transport, parking, construction management plan, access and egress, manoeuvring)					
Geotechnical (including slope instability, marine clays, acid sulphates, dispersive soils and mining)					
Flood hydraulics (for development site and/or whole catchment)					
Environmental engineering					
Contaminated land					
Noxious and hazardous industry					
Noise and lighting					
Air and odour					
Water quality					
Waste management					
Landscaping					
Streetscape and open space					
Water sensitive urban design					

	RISK			KEY QUESTIONS	TOOLS FOR MANAGING RISK
	Event (events that may occur given non-compliance)	Consequence (resulting if the event occurs)	Likelihood (of the event occurring)		
Environment and heritage					
Environmental sustainability (including energy efficiency and water conservation)					
Flora and fauna protection					
Bushfire management					
Waterway protection					
Biodiversity protection					
State and local heritage protection					
Indigenous and cultural significance					