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## Risk assessment



Item	Event	Information Confidence Level	Weighting based on overall likelihood	Capability				Health and Safety (Staff and public)				Legislative Compliance				Environment and Heritage				Financial				Reputation				TOTALS							
				Consequences	Likelihood	Score	Risk Band	Consequences	Likelihood	Score	Risk Band	Consequences	Likelihood	Score	Risk Band	Consequences	Likelihood	Score	Risk Band	Consequences	Likelihood	Score	Risk Band	Consequences	Likelihood	Score	Risk Band	Average Weighted Risk Band	Risk Priority	Overall Risk	Are Management Strategies Required?				
<b>4.0 Other</b>																																			
<b>4.1 Construction</b>																																			
4.1.1	Failure to obtain Licences or Approvals	3	1	Major	Possible	9	Major	Negligible	Rare	9	Major	Major	Possible	9	Major	Negligible	Rare	9	Major	Major	Possible	9	Major	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	10	59	Major	Additional mgt strategies recommended
4.1.2	Failure to promote awareness of key environmental constraints	3	1	Moderate	Unlikely	18	Medium	Minor	Possible	19	Medium	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	Minor	Unlikely	23	Low	17	102	Medium	Additional mgt strategies to be considered				
4.1.3	Disturbance of ecology due to regulatory compliance failure	3	1	Negligible	Rare	9	Major	Negligible	Rare	9	Major	Moderate	Likely	14	Medium	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	Minor	Unlikely	23	Low	14	83	Medium	Additional mgt strategies to be considered				
4.1.4	Groundwater pollution from construction activities	3	1	Negligible	Rare	9	Major	Minor	Possible	19	Medium	Moderate	Possible	14	Medium	Minor	Possible	19	Medium	Minor	Possible	19	Medium	Minor	Possible	19	Medium	17	99	Medium	Additional mgt strategies to be considered				
4.1.5	Introduction of noxious weeds	3	1	Negligible	Rare	9	Major	Negligible	Rare	9	Major	Minor	Possible	19	Medium	Moderate	Possible	14	Medium	Minor	Possible	19	Medium	Minor	Possible	19	Medium	15	89	Medium	Additional mgt strategies to be considered				
4.1.6	Disturbance to cultural heritage	3	1	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Moderate	Likely	14	Medium	Minor	Likely	19	Medium	Moderate	Possible	14	Medium	14	84	Medium	Additional mgt strategies to be considered				
4.1.7	Environmental nuisance (construction activities)	3	1	Negligible	Rare	9	Major	Minor	Rare	25	Low	Minor	Possible	19	Medium	Minor	Possible	19	Medium	Minor	Unlikely	23	Low	Minor	Possible	19	Medium	19	114	Medium	Additional mgt strategies to be considered				
4.1.8	Soil erosion on significant slopes	3	1	Moderate	Unlikely	18	Medium	Minor	Rare	25	Low	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	Minor	Possible	19	Medium	Minor	Possible	19	Medium	18	109	Medium	Additional mgt strategies to be considered				
4.1.9	Working at heights	3	1	Minor	Possible	19	Medium	Major	Unlikely	13	Medium	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	14	83	Medium	Additional mgt strategies to be considered				
4.1.10	Working over water	3	1	Minor	Unlikely	23	Low	Major	Unlikely	13	Medium	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Moderate	Unlikely	18	Medium	15	91	Medium	Additional mgt strategies to be considered				
4.1.11	Working in the vicinity of heavy equipment	3	1	Minor	Possible	19	Medium	Major	Possible	9	Major	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	13	79	Medium	Additional mgt strategies to be considered				
4.1.12	Working in confined spaces	3	1	Minor	Possible	19	Medium	Major	Unlikely	13	Medium	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	14	83	Medium	Additional mgt strategies to be considered				
4.1.13	Working with electricity	3	1	Minor	Possible	19	Medium	Major	Unlikely	13	Medium	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	14	83	Medium	Additional mgt strategies to be considered				
4.1.14	Working with chemicals and dangerous goods	3	1	Minor	Possible	19	Medium	Major	Unlikely	13	Medium	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	14	83	Medium	Additional mgt strategies to be considered				
4.1.15	Working with tools	3	1	Negligible	Possible	3	Critical	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	11	68	Major	Additional mgt strategies recommended				
4.1.16	Heavy lifting	3	1	Negligible	Possible	3	Critical	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	11	68	Major	Additional mgt strategies recommended				
4.1.17	Snakes and dangerous fauna from canefield and rural areas.	3	1	Negligible	Possible	3	Critical	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Negligible	Unlikely	7	Critical	Negligible	Unlikely	7	Critical	Negligible	Rare	9	Major	8	49	Major	Additional mgt strategies recommended				
<b>4.2 Operation</b>																																			
4.2.1	Cyclone	3	1	Moderate	Likely	14	Medium	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Major	Likely	9	Major	Negligible	Rare	9	Major	12	69	Major	Additional mgt strategies recommended				
4.2.2	Fire	3	1	Minor	Possible	19	Medium	Minor	Possible	19	Medium	Negligible	Rare	9	Major	Minor	Possible	19	Medium	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	15	89	Medium	Additional mgt strategies to be considered				
4.2.3	Flood	3	1	Moderate	Likely	14	Medium	Minor	Possible	19	Medium	Negligible	Rare	9	Major	Minor	Possible	19	Medium	Major	Possible	9	Major	Negligible	Rare	9	Major	13	79	Medium	Additional mgt strategies to be considered				
4.2.4	Seismic event	3	1	Major	Rare	15	Medium	Minor	Possible	19	Medium	Negligible	Rare	9	Major	Negligible	Rare	9	Major	Major	Likely	9	Major	Negligible	Rare	9	Major	12	70	Major	Additional mgt strategies recommended				
4.2.5	Explosion (gas or other)	3	1	Moderate	Rare	20	Medium	Major	Possible	9	Major	Moderate	Unlikely	18	Medium	Minor	Rare	25	Low	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	17	100	Medium	Additional mgt strategies to be considered				
4.2.6	Sabotage of line or equipment	3	1	Moderate	Rare	20	Medium	Minor	Unlikely	23	Low	Minor	Unlikely	23	Low	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Negligible	Unlikely	7	Critical	16	96	Medium	Additional mgt strategies to be considered				
4.2.7	Bomb or arson threat	3	1	Major	Rare	15	Medium	Negligible	Unlikely	7	Critical	Negligible	Rare	9	Major	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Negligible	Possible	3	Critical	10	57	Major	Additional mgt strategies recommended				
4.2.8	Working with electricity	3	1	Minor	Possible	19	Medium	Major	Unlikely	13	Medium	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	14	83	Medium	Additional mgt strategies to be considered				
4.2.9	Working in the vicinity of heavy equipment	3	1	Minor	Possible	19	Medium	Major	Possible	9	Major	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	13	79	Medium	Additional mgt strategies to be considered				
4.2.10	Working in confined spaces	3	1	Minor	Possible	19	Medium	Major	Unlikely	13	Medium	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	14	83	Medium	Additional mgt strategies to be considered				
4.2.11	Working with chemicals and dangerous goods	3	1	Minor	Possible	19	Medium	Major	Unlikely	13	Medium	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	14	83	Medium	Additional mgt strategies to be considered				
4.2.12	Working with tools	3	1	Negligible	Possible	3	Critical	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	11	68	Major	Additional mgt strategies recommended				
4.2.13	Heavy lifting	3	1	Negligible	Possible	3	Critical	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	Negligible	Rare	9	Major	Moderate	Possible	14	Medium	Moderate	Possible	14	Medium	11	68	Major	Additional mgt strategies recommended				
4.2.14	Disease from mosquitos in ponded water	3	1	Negligible	Rare	9	Major	Minor	Rare	25	Low	Minor	Possible	19	Medium	Minor	Possible	19	Medium	Minor	Unlikely	23	Low	Minor	Possible	19	Medium	19	114	Medium	Additional mgt strategies to be considered				
4.2.15	Power failure due to damage from severe weather	3	1	Major	Possible	9	Major	Negligible	Unlikely	7	Critical	Negligible	Rare	9	Major	Negligible	Rare	9	Major	Major	Possible	9	Major	Minor	Unlikely	23	Low	11	66	Major	Additional mgt strategies recommended				
<b>Notes:</b>																																			
1 The overall risk rating is based on an assessment of the likelihood of the event actually occurring. This differs from the risk dimension likelihood which assesses the likelihood of the event impacting that risk dimension.																																			
2 The maximum risk band is 30. The overall risk band is set at 30 where the weighted calculation of the risk band is greater than 30. This gives an overall risk assessment of Low.																																			
3 The confidence level is generally 1 = low level of confidence in the information used to assess risks up to 5 = Data is agreed by experts or based on known processes.																																			