

Appendix C – Risk assessment

Risk ID	Potential threat and effect on the environment	Initial Risk						Residual Risk							
		Initial EPR	Characterisation of consequence			Overall consequence	Likelihood of impact	Risk level	Final EPR	Magnitude of effect			Overall consequence	Likelihood of impact	Risk level
			Extent	Severity	Duration					Extent	Severity	Duration			
<i>Construction</i>															
Risk LU01	Construction activities require permanent acquisition of residential properties, resulting in permanent change in land use	LP1, LP2, SC1,	Local	High	7+ years	Moderate	Planned	Planned	LP1, LP2, LP3, SC1, SC2	Local	High	7+ years	Moderate	Planned	Planned
Risk LU02	Construction activities require permanent acquisition of open space and public conservation land uses, resulting in permanent change in land use	LP1, LP2, SC1,	Municipality	Medium	7+ years	Moderate	Planned	Planned	LP1, LP2, LP3, SC1, SC2, SC4	Municipality	Medium	7+ years	Moderate	Planned	Planned
Risk LU03	Construction activities require permanent acquisition of commercial and industrial land (eg Bulleen industrial precinct), resulting in permanent change to commercial and industrial land use	LP1, LP2, B1	Local	Medium	7+ years	Moderate	Planned	Planned	LP1, LP2, LP3, B1, B2	Local	Medium	7+ years	Moderate	Planned	Planned
Risk LU04	Construction activities require temporary occupation of open space resulting in a temporary change in land use	LP1	Corridor	Medium	2–7 years	Moderate	Planned	Planned	LP1, LP3, SC1, SC2, SC4	Corridor	Medium	2–7 years	Moderate	Planned	Planned
Risk LU05	Construction activities require temporary occupation of education and community facilities resulting in a temporary change in land use	LP1	Local	Medium	2–7 years	Moderate	Planned	Planned	LP1, LP3, SC1, SC2, SC4	Local	Medium,	2–7 years	Moderate	Planned	Planned
Risk LU06	Construction activities result in impacts associated with traffic, noise, air quality, visual and overshadowing considerations, impacting the ongoing use of residential land	LP1, LP2, EMF2, AQ1, NV4, NV8, NV9, NV10, SC2, B3, B2, LV1, LV2, LV3, T2	Corridor	High	7+ years	Major	Possible	High	LP1, LP2, LP3, LP4, EMF2, AQ1, NV4, NV8, NV9, NV10, NV13, SC2, B3, B2, LV1, LV2, LV3, LV4, T2	Corridor	Medium	7+ years	Major	Unlikely	Medium
Risk LU07	Construction activities result in impacts associated with traffic, noise, air quality, visual and overshadowing considerations, impacting the ongoing use of open space and public conservation land	LP1, LP2, EMF2, AQ1, NV4, NV8, NV9, NV10, SC2, B3, B2, LV1, LV2, LV3, T2	Corridor	Medium	7+ years	Major	Possible	High	LP1, LP2, LP3, LP4, EMF2, AQ1, NV4, NV8, NV9, NV10, NV13, SC2, B3, B2, LV1, LV2, LV3, LV4, T2	Corridor	Low	7+ years	Moderate	Unlikely	Low
Risk LU08	Construction activities result in impacts associated with traffic, noise, air quality, visual and overshadowing considerations, impacting the ongoing use of education and community facility land	LP1, LP2, EMF2, AQ1, NV4, NV8, NV9, NV10, SC2, B3, B2, LV1, LV2, LV3, T2	Municipality	High	7+ years	Major	Possible	High	LP1, LP2, LP4, EMF2, AQ1, NV4, NV8, NV9, NV10, NV13, SC2, B3, B2, LV1, LV2, LV3, LV4, T2	Municipality	Medium	7+ years	Moderate	Unlikely	Low
Risk LU09	Construction activities require permanent acquisition of residential properties, resulting in permanent changes to residential land use character	LP1, LP2	Local	High	7+ years	Major	Planned	Planned	LP1, LP2, LP3, LV1	Local	Medium	7+ years	Moderate	Planned	Planned
Risk LU10	Construction activities require permanent acquisition of open space and public conservation land uses, resulting in permanent change in open	LP1, LP2	Municipality	Medium	7+ years	Moderate	Planned	Planned	LP1, LP2, LP3, LV1	Municipality	Medium	7+ years	Moderate	Planned	Planned

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			Extent	Severity	Duration					Extent	Severity	Duration			
	space land use and public conservation character														
Risk LU11	Land use changes brought by the project may result in inconsistencies with planning policies and strategic plans	LP1, SC1, B1	Local	High	7+ years	Major	Planned	Planned	LP1, LP3, SC1, SC2, SC4, B1, B2	Local	High	7+ years	Major	Planned	Planned
<i>Operation</i>															
Risk LU12	Impact of project on future redevelopment of land (ie redevelopment for residential, commercial and industrial land use)	LP1, EMF2, AQ1, NV4, NV10	Municipality	Low	7+ years	Moderate	Possible	Medium	LP1, LP3, LV1, EMF2, AQ1, NV4, NV10	Municipality	Low	7+ years	Moderate	Possible	Medium
Risk LU13	Operation activities result in impacts associated with traffic, noise, air quality and visual considerations, impacting the ongoing use of residential land	LP1, EMF2, AQ4, AQ5, NV6, NV7, LV1, LV3, LV5, SC2, T1, T5	Corridor	Low	7+ years	Moderate	Unlikely	Low	LP1, EMF2, AQ2, AQ4, AQ5, B3, NV2, NV6, NV7, LV1, LV4, SC2, T1, T5	Corridor	Low	7+ years	Moderate	Unlikely	Low
Risk LU14	Operation activities result in impacts associated with traffic, noise, air quality and visual considerations, impacting the ongoing use of open space and public conservation land	LP1, EMF2, AQ4, AQ5, NV6, NV7, LV1, LV3, LV5, SC2, T1, T5	Corridor	Low	7+ years	Moderate	Unlikely	Low	LP1, EMF2, AQ2, AQ4, AQ5, B3, NV2, NV6, NV7, LV1, LV4, SC2, T1, T5	Corridor	Low	7+ years	Moderate	Unlikely	Low
Risk LU15	Operation activities result in impacts associated with traffic, noise, air quality and visual considerations, impacting the ongoing use of education and community facility land uses	LP1, EMF2, AQ4, AQ5, NV6, NV7, LV1, LV3, LV5, SC2, T1, T5T1	Corridor	Low	7+ years	Moderate	Unlikely	Low	LP1, EMF2, AQ2, AQ4, AQ5, B3, NV2, NV6, NV7, LV1, LV4, SC2, T1, T5	Corridor	Low	7+ years	Moderate	Unlikely	Low

