

OPERATIONAL PHASE									
Activity	Nature of Impact	Impact type	Extent	Duration	Potential Intensity	Likelihood	Rating	Mitigation	Interpretation
Spillage / Leak from slimes pipeline	<u>Indirect Impact:</u>	Existing						A berm should be placed between the pipeline and the cemetery to ensure no slimes can enter the cemetery if any fault were to occur.	
	Damage caused to graves by slimes ingress.	Cumulative	1	2	8	0.5	6 - MOD		
		Residual	1	2	4	0.5	4 - MOD		
Routine maintenance of pipeline will lead to displacement of naturalised biodiversity	<u>Direct Impact:</u>	Existing	1	1	1	0.75	2 - LOW	Similar mitigation measures to be implemented for each site during routine maintenance as per the construction phase.	Largescale habitat transformation has already occurred due to the land use. The proposed development activities calls for minimally-invasive methods (above-ground pipeline supported on concrete plinths). This type of development requires minimal removal of vegetation.
	Once the construction phase is complete the site will begin to self-rehabilitate to a degree through a series of successive establishment of floral species that will create micro-climates that would be utilised by faunal species. Constant maintenance will lead to displacement of any of these naturalised species.	Cumulative	1	1	1	0.2	1 - LOW		Cumulative loss of the vegetation structure within the area is large due to existing land use and associated infrastructure.
		Residual	1	1	1	0.2	1 - LOW		Limited residual impacts should remain, although above-ground infrastructure will displace vegetation from immediate area. Due to the already-transformed nature of the area, this is thought to be largely insignificant.
Exotic vegetation encroachment	<u>Indirect Impact:</u>	Existing	1	1	1	0.2	1 - LOW	Exotic vegetation to be controlled and future recruitment to be managed appropriately.	Alien vegetation is problematic within the region, which will be aggravated through site disturbances, especially within the riparian zones of the watercourses.
	Disturbance of soils will enhance potential for invasion of exotic vegetation.	Cumulative	2	2	2	1	6 - MOD		Alien vegetation encroachment within riparian/wetland zones is a national concern.
		Residual	1	1	1	0.2	1 - LOW		Appropriate mitigation measures and follow-up control will negate this impact.