

IMPACT DESCRIPTION			PRE - MITIGATION							POST - MITIGATION							IMPACT PRIORITISATION					
Impact	Alternative	Phase	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Pre-mitigation ER	Nature	Extent	Duration	Magnitude	Reversibility	Probability	Post-mitigation ER	Confidence	Public response	Cumulative Impact	Irreplaceable loss	Priority Factor	Final score
Impact on soils from construction activities	Proposal	Construction	-1	1	2	2	2	2	-3.5	-1	1	2	2	2	2	-3.5	Medium	1	2	1	1.17	-4.08
Impact on surface and ground water resources from construction	Proposal	Construction	-1	3	2	4	2	4	-11	-1	3	2	4	2	4	-11	Medium	1	2	1	1.17	-12.83
Impact on Soil and water from solid waste disposal and	Proposal	Construction	-1	2	2	2	2	2	-4	-1	2	2	2	2	2	-4	Medium	1	2	1	1.17	-4.67
Potential surface water pollution	Proposal	Operation	-1	3	3	4	2	5	-15	-1	3	3	5	2	3	-9.75	Medium	1	2	2	1.33	-13.00
Potential ground water pollution	Proposal	Operation	-1	2	3	2	2	4	-9	-1	3	3	4	2	3	-9	Medium	1	2	1	1.17	-10.50
Odour and Noise nuisance	Proposal	Operation	-1	3	4	2	2	4	-11	-1	2	5	1	2	2	-5	Medium	1	2	1	1.17	-5.83
Microbial aerosol health impacts	Proposal	Operation	-1	3	4	2	2	4	-11	-1	3	4	2	2	4	-11	Medium	1	2	1	1.17	-12.83
Erosion impacts	Proposal	Operation	-1	2	2	2	2	4	-8	-1	2	2	2	2	2	-4	Medium	1	2	1	1.17	-4.67
Sewerage sludge disposal & storage	Proposal	Operation	-1	2	3	5	2	5	-15	-1	2	3	5	2	3	-9	Medium	1	2	3	1.50	-13.50
Increase in WWTW quality and decrease in unintentional	Proposal	Operation	1	2	3	2	2	4	9	1	2	3	4	3	5	15	Medium	1	2	1	1.17	17.50
Other water user rights	Proposal	Operation	-1	2	3	2	2	2	-4.5	-1	2	3	2	2	2	-4.5	Medium	1	2	1	1.17	-5.25