Description of Impact	**Mitigation**	**Nature** (Positive or Negative)	**Spatial Extent** (Low, Medium, High)	**Duration** (Very Low, Low, Medium, High)	**Intensity** (Low, Medium, High)	**Irreplaceability** (Low, Medium, High)	**Reversibility** (Low, Medium, High)	**Consequence** (Low, Medium, High)	**Probability** (Low, Medium, High)	**Significance** (Low, Medium, High)
OPERATION										
General impacts associated with the operation of the reticulation system (including manhole structures)										
Impacts on wetlands and riparian habitats	Unmitigated	Negative	Low	High	Low	Medium	Low	Low	High	Low
	Mitigated	Negative	Low	Very low	Low	Low	Medium	Low	Medium	Low
Damages to private property and infrastructure	Unmitigated	Negative	Low	Low	Medium	Low	Medium	Low	High	Low
	Mitigated	Negative	Low	Low	Low	Low	High	Low	Medium	Low
Disruption to existing services	Unmitigated	Negative	Medium	Low	Medium	Low	Medium	Low	High	Low
	Mitigated	Negative	Low	Low	Low	Low	High	Low	Medium	Low
Visual impacts	Unmitigated	Negative	Medium	Low	Low	Low	Low	Low	Medium	Low
	Mitigated	Negative	Low	Low	Low	Low	Medium	Low	Low	Low
General impacts associated with the operation of the sump and pump stations										
Storm water impacts	Unmitigated	Negative	Low	Medium	Medium	Medium	Low	Medium	High	Medium
	Mitigated	Negative	Low	Low	Low	Low	Medium	Low	High	Low
Visual impacts	Unmitigated	Negative	Medium	Low	Low	Low	Low	Low	High	Low
	Mitigated	Negative	Low	Low	Low	Low	Medium	Low	Medium	Low
Impacts associated with the operation of the wastewater treatment works										
Impact on unnamed watercourse receiving the outflow (**Key Impact**)	Unmitigated	Negative	Medium	High	High	Medium	High	High	High	High
	Mitigated	Negative	Medium	High	Medium	Low	High	Medium	Medium	Medium
Impacts on the uMlalazi Estuary and downstream users (**Key Impact**)	Unmitigated	Negative	High	High	High	Medium	Medium	High	High	High
	Mitigated	Negative	Medium	High	Low	Medium	Medium	Low	Low	Low
Reduction in reliance on septic tank and soak away systems (**Key Impact**)	Unmitigated	Negative	Medium	High	Medium	Medium	Medium	Medium	Low	Low
	Mitigated	Positive	Medium	High	Medium	Medium	Medium	Medium	High	Medium

Reduced sewerage entering the uMlalazi Nature Reserve and uMlalazi Estuary (**Key Impact**)	Unmanaged	Negative	Medium	High	Medium	Medium	Medium	Medium	Low	Medium
	Managed	Positive	Medium	High	Medium	Low	Low	Medium	Medium	Medium
What are the implications if the new WWTW does not function correctly during operation? (**Key Impact**)	Unmitigated	Negative	Medium	High	High	Medium	Low	High	Low	Medium
	Mitigated	Positive	Medium	High	Medium	Low	Low	Medium	High	Medium
Degradation of soils	Unmitigated	Negative	Low	Medium	Medium	Medium	Low	Medium	High	Medium
	Mitigated	Negative	Low	Low	Low	Low	Medium	Low	High	Low
Storm water impacts	Unmitigated	Negative	Low	Medium	Medium	Medium	Low	Medium	High	Medium
	Mitigated	Negative	Low	Low	Low	Low	Medium	Low	High	Low
Visual impacts	Unmitigated	Negative	Medium	Low	Medium	Low	Low	Low	High	Low
	Mitigated	Negative	Low	Low	Low	Low	Medium	Low	Medium	Low
Impacts common to all infrastructure components during operation										
Nuisance impacts	Unmitigated	Negative	Medium	Medium	Low	Low	Medium	Low	High	Low
	Mitigated	Negative	Low	Low	Low	Low	High	Low	Medium	Low
Employment and skills development	Unmanaged	Positive	Medium	High	Low	N/A	N/A	Low	Medium	Low
	Managed	Positive	High	High	Medium	N/A	N/A	Medium	High	Medium