

Example

ENVIRONMENTAL PARAMETER -	ISSUE / IMPACT / ENVIRONMENTAL EFFECT/ NATURE -	ENVIRONMENTAL SIGNIFICANCE BEFORE MITIGATION								RECOMMENDED MITIGATION MEASURES	ENVIRONMENTAL SIGNIFICANCE AFTER MITIGATION								
		Extent [E] -	Probability [P] -	Reversibility [R] -	Irreplaceable loss of resources [I]	Duration [D]	Intensity / Magnitude [I / M]	TOTAL = Extent + probability + reversibility + irreplaceability + duration) x magnitude/intensity	STATUS (+ OR -)		Significance Rating [S]	E	P	R	L	D	I / M	TOTAL	STATUS (+ OR -)
Construction Phase																			
Visual	Visual intrusion and potential flicker effect by wind turbines and associated structures and infrastructure on visual receptors	2	1	2	1	1	2	14	-	Low	Site turbines at least 2 km from any occupied homestead or hospitality/tourism facility, where possible to limit effect of shadow flicker	2	1	1	1	1	2	12	Low
Visual	Visual intrusion by wind turbines and associated structures and infrastructure on visual and landscape receptors	2	3	2	2	1	2	20	-	Low	Limit area of disturbance for turbine footprint, access roads and construction camp or sites Suppress dust during construction Site turbines at least 2 km from any occupied homestead hospitality/tourism facility, where possible Mitigation will already have been implemented by the placement of turbines according to distance from visual receptors Limit area of disturbance for access roads, substations and construction camp sites Locate construction camps and all related facilities such as stockpiles, lay-down areas, batching plants in areas already impacted such as existing farmyards or in unobtrusive locations away from the main visual receptors. Limit access tracks for construction and maintenance vehicles to existing roads where possible. Once established do not allow random access through the veld Suppress dust during construction. Blend edges of road and platforms with surrounding landscape Rehabilitate exposed disturbed areas Avoid vegetation stripping in straight lines but rather non-geometric shapes that blend with the landscape Limit need for security lighting Use non-reflective materials Paint all other project infrastructure elements such as operational buildings, support poles etc. a dark colour Avoid bright colour/patterns and logos	2	3	2	1	2	2	20	Low

Example

Visual	Visual intrusion by Access Road, Substations and Associated structures and infrastructure on visual and landscape receptors	2	3	2	2	1	2	20	-	Low	<p>Limit area of disturbance for footprint, access roads and construction camp or sites</p> <p>Suppress dust during construction</p> <p>Site turbines at least 2 km from any occupied homestead hospitality/tourism facility, where possible</p> <p>Mitigation will already have been implemented by the placement of turbines according to distance from visual receptors</p> <p>Limit area of disturbance for access roads, substations and construction camp sites</p> <p>Locate construction camps and all related facilities such as stockpiles, lay-down areas, batching plants in areas already impacted such as existing farmyards or in unobtrusive locations away from the main visual receptors.</p> <p>Limit access tracks for construction and maintenance vehicles to existing roads where possible. Once established do not allow random access through the veld</p> <p>Suppress dust during construction.</p> <p>Blend edges of road and platforms with surrounding landscape</p> <p>Rehabilitate exposed disturbed areas</p> <p>Avoid vegetation stripping in straight lines but rather non-geometric shapes that blend with the landscape</p> <p>Limit need for security lighting</p> <p>Use non-reflective materials</p> <p>Paint all other project infrastructure elements such as operational buildings, support poles etc. a dark colour</p> <p>Avoid bright colour/patterns and logos</p>	2	3	2	2	1	2	20		
Operational Phase																				
Visual	Visual intrusion and potential flicker effect by wind turbines and associated structures and infrastructure on visual receptors	2	3	2	2	3	3	36	-	Medium	<ul style="list-style-type: none"> Mitigation will already have been implemented by the placement of turbines according to distance from visual receptors Manage need for top of turbine red hazard lighting to only operate when a plane enters the affected airspace rather than be permanently lit Limit need for security lighting 	2	3	1	1	1	1	8	-	Low
Visual	Visual intrusion by wind turbines and associated structures and infrastructure on landscape receptors	2	3	2	2	3	3	36		Medium	<ul style="list-style-type: none"> Mitigation will already have been implemented by the placement of turbines according to distance from visual receptors Limit need for security lighting Use non-reflective materials Paint all other project infrastructure elements such as operational buildings, support poles etc. a dark colour Avoid bright colour/patterns and logos 	2	3	2	2	3	3	36	-	Medium
Visual	Visual intrusion by Access Road, Substations and Associated structures and infrastructure on visual and landscape receptors	2	3	2	2	3	2	24		Medium	<ul style="list-style-type: none"> Maintain rehabilitated disturbed areas 	2	3	2	2	3	2	24	-	Medium
Decommissioning Phase																				

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Visual	<p>Visual intrusion and potential flicker effect by wind turbines and associated structures and infrastructure on visual receptors</p> <p>Visual intrusion by wind turbines and associated structures and infrastructure on visual and landscape receptors</p> <p>Visual intrusion by Access Road, Substations and Associated structures and infrastructure on visual and landscape receptors</p>	2	3	2	2	2	1	11	0	Low	<ul style="list-style-type: none"> Remove all project components from site Rip all compacted hard surfaces such as platforms, roads areas, access and service roads etc. and reshape to blend with the surrounding landscape Rehabilitate/revegetate all disturbed areas to visually the original state by shaping and planting 	2	3	2	2	2	1	11	0	Low
Cumulative																				
Visual	The introduction of a WEF into a landscape that is devoid of any such similar structures	2	3	2	2	3	3	36	-	Medium		2	3	2	2	3	3	36	-	Medium