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POTENTIAL ENVIRONMENTAL IMPACT	Se	Sp	т –	Ť	a Fi	тоти	1	Se	Sp	Du	F	Т	Fi	TOTA		SRK Guideline	Project Phase	Responisibility
Vegetation removal due to site clearance, compaction and soil erosion and the introduction of alien invasive species can impact on habitat for floral species as well as species diversity on the proposed substation site (Old fields). RECOMMENDED MITIGATION MEASURES/REMARKS	1	1	1	2	2 2	12	L No Managemen Required	1	1	1	2		2	12		L No Management Required	С	
Compliance in accordance with Eskom's existing Land and Biodiversity monitored on an annual basis.	Stand	dard	(Appe	endi	ix C) a	s well a	Eskoms Vegetatio	n Mai	nager	nent :	Stan	ndard	i (A	ppendix	(C)	shall be maintained and	All	ECO
The protection of threatened or protected species (TOPS) must be carr	ied ou	ıt in a	accord	dano	ce to N	EMBA	Act 10 of 2004) Ch	apter	4, Pa	rt 2.	This	will	incl	ude any	/ am	endments or changes to	All	ECO
regulations and guidelines pertaining to the protection of TOPS. The extent of the construction site must be demarcated with construction hazard tape and no vegetation is to be removed outside of this zone.												PC	ECO					
No vegetation is to be removed outside of the demarcated zones. This will prevent disturbance of natural vegetation and the establishment of alien and invader vegetation species specified by GNI 507 and 508 or any amendments to the legislation.												С	ECO					
An alien eradication and management program must be developed. Eradication and monitoring must be undertaken monthly during the construction phase and yearly during the operational phase													the operational phase.	C/O	Eskom/ECO			
If herbicides need to be used to control the spread of invasive plants, only herbicides approved by the National Department of Agriculture should be used.														C/O	ECO			
Vehicles should be restricted to travelling only on designated roadways, as far away from the wetland areas as possible to limit the ecological footprint of the proposed development activities.													All	ECO				
venicies should be restricted to travelling only on designated roadways, as far away from the wettand areas as possible to limit the ecological rootprint of the proposed development activities. Informal fires by construction or Eskom personnel during any phase of the project will be prohibited.													All	ECO				
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POTENTIAL ENVIRONMENTAL IMPACT	Se	Sp		т	FORE a Fi	MITIGA		Se	Sp	Du	F	т	FTE Fi	TOTA		ON SRK Guideline	Project Phase	Responisibility
Vegetation removal due to site clearance, compaction and soil erosion and the introduction of alien invasive species can impact on habitat for floral species as well as species diversity along the proposed power line route in areas where there is current agriculture and old fields.	1	1	1	2	2 2	12	L No Managemen Required	1	1	1	2	2	2	12		L No Management Required	С	
RECOMMENDED MITIGATION MEASURES/REMARKS Compliance in accordance with Eskom's existing Land and Biodiversity	Stand	dard	(Anne	endi	ix C) a	well a	Eskoms Vegetation	n Mai	nager	nent !	Stan	ndaro	1 (A	nnendix	(C)	shall be maintained and		
monitored on an annual basis.													•				All	ECO
The protection of threatened or protected species (TOPS) must be carried out in accordance to NEMBA (Act 10 of 2004) Chapter 4, Part 2. This will include any amendments or changes regulations and guidelines pertaining to the protection of TOPS.												endments of changes to	All	ECO				
The extent of the construction site must be demarcated and no vegetation No vegetation is to be removed outside of the demarcated zones. This will								ishme	ent of	alien :	and	inva	der	vegetat	ion s	pecies specified by GNR	PC	ECO
507 and 508 or any amendments to the legislation.																	С	ECO
An alien eradication and management program must be developed. Eradi	cation	and i	monito	orin	g must	be unde	taken monthly durin	g the o	constr	uction	n pha	ase a	and	yearly o	during	the operational phase.	PC/C/O	Eskom/ECO
If herbicides need to be used to control the spread of invasive plants, only	herbic	ides	appro	ved	by the	Nationa	Department of Agri	culture	e sho	uld be	e use	ed.					C/O	ECO
Vehicles should be restricted to travelling only on designated roadways, as	far av	way f	rom th	ne v	vetland	areas a	possible to limit the	ecolo	gical	footpr	rint o	of the	pro	posed	deve	lopment activities.	All	ECO
Fires on site are prohibited.		-	ENVIF	RON	MENT	AL SIG	IIFICANCE			E	NVII	RON	IME	NTAL S	SIGN	IFICANCE	All	ECO
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POTENTIAL ENVIRONMENTAL IMPACT	Se	Sp		т	FORE a Fi	TOTA		Se	Sp	Du	F	т	Fi	тота		SRK Guideline	Project Phase	Responisibility
Vegetation removal due to site clearance, compaction and soil erosion and the introduction of alien invasive species can impact on habitat for floral species as well as species diversity along the proposed power line route in areas of dense bush.	3	Sp		F				Se	Sp	Du 1	2	·a					Project Phase	Responisibility
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POTENTIAL ENVIRONMENTAL IMPACT	ENVIRONMENTAL SIGNIFICANCE BEFORE MITIGATION									EI	NVIR		ENTAL ER MIT		Project Phase	Responisibility	
	Se	Sp	Du	Fa	Fi	TOTAL	SRK Guideline	Se	Sp	Du	Fa	Fi	тот	AL	SRK Guideline	Project Phase	Responsibility
Vegetation removal due to site clearance may lead to the disturbance of faunal habitat and the ecosystem structure and function.	1	1	4	1	1	12	L No Management Required	1	1	4	1	1	12	2	L No Management Required	С	
RECOMMENDED MITIGATION MEASURES/REMARKS The protection of threatened or protected species (TOPS) must be carri					- NE	TAIDA (A-	+ 40 -4 0004) Ob-			40.7		.:	li i da la				
regulations and guidelines pertaining to the protection of TOPS.	ea ou	t in a	ccora	ance	IO INE	INBA (AC	t 10 of 2004) Cha	pter 4	1, Pa	π 2. Ι	nis v	/III INC	iude a	ny ar	mendments or changes to	All	ECO
Fires on site are prohibited.														All	ECO		
to trapping or hunting of fauna should be allowed on site during any phase of the project.															All	ECO	
		E	NVIR	ONM	ENTA	L SIGNIF	ICANCE			El	NVIR	ONMI	ENTAL	. SIG	NIFICANCE		
POTENTIAL ENVIRONMENTAL IMPACT	Se	Sp	Du	Fa	Fi	TOTAL	SRK Guideline	Se	Sp	Du	Fa	Fi	тот	AL	SRK Guideline	Project Phase	Responisibility
Construction activities along the power line route and positioning of the pylons may lead to clearance of vegetation which coulod result in the loss and degradation of natural bird habitat	2	1	2	6	2	40	MH Maintain Current Management	1	1	2	2	2	16	6	L No Management Required	С	
RECOMMENDED MITIGATION MEASURES/REMARKS																	
The protection of threatened or protected species (TOPS) must be carried out in accordance to NEMBA (Act 10 of 2004) Chapter 4, Part 2. This will include any amendments or changes t regulations and guidelines pertaining to the protection of TOPS.														mendments or changes to	All	ECO	
The extent of the construction site must be demarcated and no vegetation	is to b	e rem	oved	outsi	de of t	this zone.										All	
		E	NVIR	ONM	ENTA	L SIGNIF	ICANCE			EI	VVIR	ONMI	ENTAL	SIG	NIFICANCE		
POTENTIAL ENVIRONMENTAL IMPACT	Se	Sp	Du	Fa	Fi	TOTAL	SRK Guideline	Se	Sp	Du	Fa	Fi	тот	AL	SRK Guideline	Project Phase	Responisibility
Degradation of habitat and disturbance caused by the construction of the proposed substation and associated powerlines could negatively impact on species of conservation concern (RDL/ NW SoER 2002/ NEMBA (2004))	2	1	2	6	2	40	MH Maintain Current Management	2	1	2	2	2	20)	L No Management Required	С	
RECOMMENDED MITIGATION MEASURES/REMARKS																	
The protection of threatened or protected species (TOPS) must be carried out in accordance to NEMBA (Act 10 of 2004) Chapter 4, Parl 2. This will include any amendments or changes to regulations and guidelines pertaining to the protection of TOPS.													mendments or changes to	All			
Fires on site are prohibited.																All	
No trapping or hunting of fauna should be allowed on site during any phase	of the	e proj	ect.													All	
River banks and other ecologically sensitive areas must be rehabilitated, in	consu	ultatio	n with	a spe	ecialis	t, were the	ey have been dama	aged	once	const	ructio	n in th	at part	icula	r area is complete.	All	
POTENTIAL ENVIRONMENTAL IMPACT	ENVIRONMENTAL SIGNIFICANCE									EI	NVIR	ONMI	ENTAL	. SIG	NIFICANCE		
	Se	Sp	Du	Fa	Fi	TOTAL	SRK Guideline	Se	Sp	Du	Fa	Fi	тот	AL	SRK Guideline	Project Phase	Responisibility
Degradation of habitat and disturbance caused during the operation of the proposed substation and associated powerlines due to collisions or electricution could negatively impact on bird species of conservation concern (RDL/ NW SoER 2002/ NEMBA (2004))	4	1	4	5	5	90	H Improve Current Management	3	3	1	2	2	28	3	ML Maintain Current Management	0	
RECOMMENDED MITIGATION MEASURES/REMARKS																	
The protection of threatened or protected species (TOPS) must be carri regulations and guidelines pertaining to the protection of TOPS.	ed ou	t in a	ccord	ance	to NE	MBA (Ac	t 10 of 2004) Cha	pter 4	4, Pa	rt 2. T	his v	/ill inc	lude a	ny ai	mendments or changes to	All	
Install bird flaps and diverters on the erected power lines to help mitigate the bird collisions with the power lines												All					