AMENDMENT TO THE ENVIRONMENTAL AUTHORISATION: PROPOSED WITBERG WIND ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE.

WESTERN CAPE PROVINCE

DEA Ref. No: 12/12/20/1966/AM7

COMMENTS AND RESPONSES REPORT

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The Amendment Motivation Report's availability was announced on Wednesday, 14 November 2018 and was made available for an initial 30-day review and comment period from **Wednesday**, **14 November** to **Friday**, **14 December 2018**. All written comments received during the review and comment period is captured in the Comments and Responses Report.

The <u>Revised</u> Amendment Motivation Report's availability was announced on **Tuesday**, **19 March 2019** and is made available for a 30-day review and comment period from **Wednesday 20**, **March 2019** to **Tuesday 23**, **April 2019**. Comments received during the review and comment period will be included in the Comments and Responses Report and included as **Appendix I5** to the Final <u>Revised</u> Motivation Report's submission to the Department of Environmental Affairs

LIST OF ABBREVIATIONS / ACRONYMS

C&RR	Comments and Responses Report	DAFF	Department of Agriculture, Forestry and Fisheries
DD	Deputy Director	DEA	Department of Environmental Affairs
DWS	Department of Water and Sanitation	EA	Environmental Authorisation
EAP	Environmental Assessment Practitioner	EMPr	Environmental Management Programme
EWT	Endangered Wildlife Trust	RI&AP	Registered Interested and Affected Party
SACAA	South African Civil Aviation Authority	SAHRA	South African Heritage Resources Agency
SANRAL	South African National Roads Agency Ltd	WC DEA&DP	Western Cape: Department of Environmental Affairs and Development
			Planning
WC T&PW	Western Cape: Transport and Public Works		

1. COMMENTS RECEIVED FROM ORGANS OF STATE

NO.	COMMENT	RAISED BY	RESPONSE
1.	The Directorate: Biodiversity Conservation has reviewed	Mr Stanley	
	and evaluated the aforementioned report including its	Tshitwamulomoni	
	specialist's studies and have the following	Acting Director:	
	recommendations for implementation:	Biodiversity	
1.1.	The pre-construction walk through with an ecological	Conservation	A pre-construction walk-through has been recommended
	specialist must be undertaken to fine tune the final	DEA	by the ecological specialist (Appendix D). This requirement
	positioning of the turbines in order to avoid impacting on		has also been added to the EMPr (Appendix K). The pre-
	species of conservation concern;	Letter: 10 Dec 2018	construction walk-through will accordingly advise on the
			final micro-siting of the wind farm and final layout, which will
			need to be approved by the Department of Environmental
			Affairs (DEA). The pre-construction walk through will identify
			the ecological species of conservation concern that will
			either need to be avoided by the micro-siting of the wind
			turbines and other project components, or will advise which
			specific plant species will require a permit for removal /
			relocation.
1.2.	Limit construction activities to seasons when birds are not		It is stated as a mitigation measure in the avifaunal
	breeding;		addendum report (Appendix B) construction activities not to
			take place during the breeding season for sensitive species
			including the Verreaux's and Booted Eagle. In this respect,
			the avifaunal's specialist mitigation measures are as follows:
			(i) not constructing within 1000-m of Verreaux's Eagle nests
			or Booted Eagle nest during their early breeding season (May
			- June) or small-chick rearing season (June - July). For
			breeding Booted Eagles, the seasons to avoid are August –
			September. These measures have been included in the EMPr
			for implementation (Appendix K).

NO.	COMMENT	RAISED BY	RESPONSE
1.3.	No construction is allowed within the 1000m of Verreaux's		As per comment above.
	Eagle nests or Booted Eagle nest during their early		
	breeding season or small chick rearing season;		
1.4.	Post-construction monitoring must effectively duplicate		This has been included as a mitigation measure (see Section
	the baseline work, with the addition of surveys for collision		4.3 of the EMPr in Appendix K).
	and electrocution victims under the turbines and		
	ancillary power infrastructure;		
1.5.	All species listed in terms of TOPs and Red Data list must		All permits that are required will be applied for from the
	not be disturbed or removed without a permit from		Western Cape Department of Environmental Affairs and
	relevant authorities;		Development Planning (WC DEA&DP) and / or the
			Department of Agriculture, Forestry and Fisheries (DAFF) as
			and where required, and implemented prior to construction.
			In addition to obtaining the relevant permits, the layout has
			been amended as a mitigation measure to avoid the
			avifaunal no-go area (see Figure 7.1 and Figure 7.2 in the
			Revised Motivation Report) to avoid disturbance to red data
			avifaunal species (Verreaux's and Booted Eagle).
1.6.	Vegetation clearing prior and during construction must		This has been included as a mitigation measure (see Section
	be limited to the footprint of the proposed development;		4.1 & Section 4.2 of the EMPr in Appendix K).
1.7.	Anti-collision devices such as bird flappers must be		This has been included as a mitigation measure (see Section
	installed on all high risk sections of the powerline to		4.1 of the EMPr in Appendix K).
	forewarn birds of the risk,		
1.8.	All disturbed and cleared areas must be re-vegetated		This has been included as a mitigation measure (see Section
	with indigenous perennial shrubs and grasses from the local area; and		4.1 of the EMPr in Appendix K).
1.9.	Concurrent rehabilitation and alien vegetation control		A re-vegetation and habitat rehabilitation plan his provided
	program within all sensitive areas must be implemented.		in the ecological specialist letter (Appendix D). These have
			been included accordingly in Appendix C of the EMPr (see

NO.	COMMENT	RAISED BY	RESPONSE
			Appendix K). The requirement for concurrent rehabilitation
			and alien vegetation control program in sensitive areas is
			included as a mitigation measure in the EMPr (see Section
			4.2 of the EMPr in Appendix K).
	The overall biodiversity objective is to minimise loss to		The recommendations have been taken in to account and
	biodiversity as possible. In order to achieve this objective,		included in the EMPr (Appendix K) as appropriate.
	the above-mentioned recommendations must be		
	adhered to.		
2.	The Department has the following comments on the	Mr Coenrad	
	abovementioned amendment application:	Agenbach	
2.1.	Amendments applied for:	DD: Strategic	
	(i) Amendment 6, as applied for requests the	Infrastructure	Amendment 6 has been removed from the request for
	department to amend the wind monitoring mast	Developments	amendment. As such, the requested details are not required
	from 80m to 120m. It must be noted that the EA does	DEA	for the proposed amendment and have not been included
	not include the wind monitoring mast. As such, the		in this application. The Application and revised motivation
	EAP is to provide the details in the EIAr where the	Letter: 13 Dec 2018	report have been updated accordingly to reflect the
	mast was specified, provide confirmation if the mast		change.
	was constructed or not, the date it was constructed		
	and provide the authorisation for said wind		
	monitoring masts.		
	(ii) The EAP is requested to consolidate all the		See Section 2 of the revised motivation report.
	conditions from the previous amendments and		
	appeal decisions that needs to be added into the		
	EA.		
	(iii) The EAP is required to submit a revised, signed		Amendment 6 has been removed from the request for
	application form that does not include the		amendment and has been removed from the updated
	proposed amendment number 6.		application form submitted to the DEA.
2.2.	Public participation:		

NO.		COMMENT	RAISED BY	RESPONSE
	(i) Please ei	nsure that comments from all relevant		It can be confirmed that the Organs of State and
	stakehold	lers are submitted to the Department with		Stakeholders mentioned are registered on the project
	the final re	eport. This includes but is not limited to the		database, and received the initial draft Motivation Report
	Western C	Cape Department of Environmental Affairs		for comment. The <u>Revised</u> Motivation Report will also be
	and Dev	elopment Planning, the Department of		released to these Organs of State and stakeholder for
	Forestry o	and Fisheries (DAFF), the Western Cape		comment.
	Departme	ent of Agriculture, the South African Civil		
	Aviation	Authority (SACAA), the Department of		Proof of delivery will be included in the Final Revised
	Transport,	the Laingsburg Local Municipality, the		Motivation Report.
	Departme	ent of Water and Sanitation (DWS), the		
	South Af	rican National Roads Agency Limited		The SACAA has provided conditional approval for the 27-
	(SANRAL),	, the South African Heritage Resources		wind turbine layout and this is attached to the revised
	Agency	(SAHRA), the Endangered Wildlife Trust		motivation report (See Appendix L of the revised motivation
	(EWT), Bi	rdLife SA, the Department of Mineral		report). However, please note that the Holder of the EA will
	Resources	s, the Department of Rural Development		request the SACAA for an amendment of this conditional
	and Lan	nd Reform, and the Department of		approval to refer to the correct layout and updated turbine
	Environme	ental Affairs: Directorate Biodiversity and		specifications, once this Part 2 Amendment has been
	Conserva			concluded and deemed successful.
	(ii) Please er	nsure that all issues raised and comments		All comments received from stakeholders and RI&APs are
	received	during the circulation of the draft report		captured in this C&RR, and comments received on the
	from regis	stered &APs and organs of state which		Revised Motivation Report will be included in the Final
	have juris	diction in respect of the proposed activity		Revised Motivation Report which will be submitted to the
	are adeq	uately addressed in the final report. Proof		DEA for decision-making.
	of corresp	pondence with the various stakeholders		
	must be i	ncluded in the final report. Should you be		Proof of delivery and follow-up e-mails will also be included
	unable t	o obtain comments, proof should be		in the Final Revised Motivation Report.
		d to the Department of the attempts that		
	were mo	ade to obtain comments. The Public		
	Participat	ion Process must be conducted in terms of		

NO.	COMMENT	RAISED BY	RESPONSE
	Regulation 39, 40, 41, 42, 43 & 44 of the EIA Regulations 2014 as amended.		
	(iii) A Comments and Response trail report (C&R) must be submitted with the final report. The C&R report must incorporate all comments for this development. The C&R report must be a separate document from the main report and the format must be in the table format as indicated in Annexure 1 of this comments letter. Please refrain from summarising comments made by I&APs. All comments from I&APs must be copied verbatim and responded to clearly. Please note that a response such as "noted" is not regarded as an adequate response to I&AP's comments.		It can be confirmed that the C&RR format complies with the DEA requirements as set out in their letter dated 13 December 2018 and that comments have not been summarized, but captured verbatim .
	(iv) The final report must also indicate that this draft report has been subjected to a public participation process.		Proof of circulation of the draft Motivation Report and the Revised Motivation Report will be included in the Final Revised Motivation Report.
2.3.	Layout & Sensitivity Maps		
	(i) All preferred turbine positions must be clearly numbered. The turbine position numbers must be consistently used in all maps to be included in the final report.		Refer to the Revised Motivation Report (Figure 2.1 and Figure 7.1).
	(ii) The final report must provide the technical details for the proposed facility in a table format as well as their description and/or dimensions. A sample for the minimum information required is listed under point 2 of the EIA information required for wind energy facilities below.		Refer to Section 2.4 d) of the Revised Motivation Report.

NO.	COMMENT	RAISED BY	RESPONSE
	(iii) A copy of the final layout map must be submitted		Refer to Figure 7.1 and Figure 7.2 of the Revised Motivation
	with the final report. All available biodiversity		Report.
	information must be used in the finalisation of the		
	layout map. Existing infrastructure must be used as		
	far as possible e.g. roads. The layout map must		
	indicate the following:		
	The envisioned area for the wind energy facility;		Refer to Figure 7.1 and Figure 7.2 of the Revised Motivation
	i.e. placing of wind turbines and all associated		Report.
	infrastructure should be mapped at an appropriate scale.		
	> All supporting onsite infrastructure such as		Refer to Figure 7.1 and Figure 7.2 of the Revised Motivation
	laydown area, guard house, control room, and		Report. Note that there is no guard house and
	buildings, including accommodation etc.		accommodation proposed on the site.
	> All necessary details regarding all possible		Refer to Section 2.4 d) of the Revised Motivation Report and
	locations and sizes of the proposed satellite		to Figure 7.1 and Figure 7.2 of the Revised Motivation Report.
	substation, the main substation and internal		
	powerlines;		
	> All existing infrastructure on the site, especially		Refer to Figure 7.1 and Figure 7.2 of the Revised Motivation
	internal roads infrastructure;		Report.
	> The location of sensitive environmental features		Refer to Figure 7.1 and Figure 7.2 of the Revised Motivation
	on site e.g. CBAs, heritage sites, wetlands,		Report.
	drainage lines etc. that will be affected by the		
	facility and its associated infrastructure;		
	Buffer areas; and		Refer to Figure 7.1 and Figure 7.2 of the Revised Motivation
			Report.
	All "no-go" areas.		Refer to Figure 7.1 and Figure 7.2 of the Revised Motivation
			Report.
	(iv) The final report must include an environmental		Refer to Figure 7.1 and Figure 7.2 of the Revised Motivation
	sensitivity map indicating environmental sensitive		Report.

NO.	COMMENT	RAISED BY	RESPONSE
	areas and features identified during the assessment		
	process.		
	(v) The final report must include a map combining the		Refer to Figure 7.1 and Figure 7.2 of the Revised Motivation
	final layout map superimposed (overlain) on the		Report.
	environmental sensitivity map.		
2.4.	Specialist assessments		
	(i) All the attached specialist studies must indicate and		All the attached specialist studies indicate and make
	make recommendations for 25 wind turbine		recommendations for the 25 wind turbine positions, as
	positions. There seems to be discrepancies between		requested (see Appendix A - H).
	the number of turbines requested for the		
	amendment, and the numbers being assessed in		
	the various studies		All the attached exciplint studies (see Amondiu A. II)
	(ii) The maps used within the specialist studies must comply with comment c(i) of this comments letter		All the attached specialist studies (see Appendix A - H) contain maps (where relevant) with all preferred turbine
	Comply will confine in c(i) of this confine his letter		positions clearly numbered and are consistently used in all
			maps within the revised motivation report.
	(iii) The EAP must ensure that the terms of reference for		maps within the revised menvalient apen.
	all the identified specialist studies must include the		
	following:		
	A detailed description of the study's		Detailed methodologies have been provided for the
	methodology; indication of the locations and		collision risk modelling (Appendix A), bats, (Appendix C),
	descriptions of the development footprint, and all		ecology (Appendix D), heritage (Appendix E), visual
	other associated infrastructures that they have		(Appendix G) and social (Appendix H) have in the original
	assessed and are recommending for		specialist studies. Therefore, it is not required that these
	authorisations.		methodologies are repeated in the addendum reports.
			However, detailed methodologies have been provided for
			avifauna (Appendix B) and noise (Appendix F) addendum
			reports as required.

NO.	COMMENT	RAISED BY	RESPONSE
1107	Provide a detailed description of all limitations to		All specialist studies have provided a description of all
	the studies. All specialist studies must be		limitations to the respective studies (Appendix A – H), with
	conducted in the right season and providing that		the exception of ecology and bats as there were no
	as a limitation will not be allowed.		limitations to the addendum studies. However, the limitations
			were provided in the original specialist study and therefore
			did not need to be repeated in the addendum report.
			In addition, no limitations in terms of timing of the
			assessments have been provided in any of the specialist
			studies (Appendix A – H).
	Please note that the Department considers a 'no-		This is acknowledged. Please see response below.
	go' area, as an area where no development of		
	any infrastructure is allowed; therefore, no		
	development of associated infrastructure		
	including access roads is allowed in the 'no-go'		
	areas.		
	> Should the specialist definition of 'no-go' area		The classification of sensitivity areas used by the specialists
	differ from the Departments definition; this must be Clearly indicated. The specialist must also		are as follows:Very High sensitivity – no-go;
	indicate the 'no-go' areas buffer if applicable.		 Very night sensitivity – no-go, High sensitivity (including associated buffers) –
	indicate the no-go dreas botter it applicable.		acceptable with intense mitigation;
			Medium sensitivity (including associated buffers) –
			acceptable with mitigation;
			 Low – acceptable.
			The definition of a no-go area for the avifaunal specialist
			study differs slightly from the above classification however, in
			that it considers that no wind farm related development and
			associated infrastructure are allowed in the "no-go" areas

NO.	COMMENT	RAISED BY	RESPONSE
			with the exception of the access roads required for the
			proposed development. Refer to the avifauna specialist
			addendum report (Appendix B – see Section 5 , Table 10).
	> All specialist studies must be final, and provide		All specialist studies have provided practical mitigation
	detailed/practical mitigation measures and		measures and recommendations where relevant (Appendix
	recommendations, and must not recommend		A - H). No further addendum specialist studies have been
	further studies to be completed post EA.		recommended for further study to inform the proposed
			amendment. The specialist studies submitted are
			considered final for the amendment application.
	Should specialist recommend specific mitigation		No specific mitigation measures have been provided for
	measures for identified turbine positions, these		identified turbine numbers (see Appendix A - H). However,
	must be clearly indicated.		at a general level, the ecological specialist has
			recommended that the final development footprint should
			be subject to a pre-construction walk-through to inform the
			final placement of roads and turbines as well as locate and
			identify species of conservation concern that are within the
			development footprint (Appendix D).
	Clearly defined cumulative impacts and where		Assessment of cumulative impacts have been provided for
	possible the size of the identified impact must be		all specialist studies (Appendix A – H), as requested.
	quantified and indicated, i.e. hectares of		
	cumulatively transformed land.		
	> A detailed process flow to indicate how the		Please refer to cumulative impact section in all specialist
	specialist's recommendations, mitigation		studies (Appendix A – H).
	measures and conclusions from the various similar		
	developments in the area were taken into		
	consideration in the assessment of cumulative		
	impacts and when the conclusion and mitigation		
	measures were drafted for this project.		

NO.	COMMENT	RAISED BY	RESPONSE
	> Identified cumulative impacts associated with		Please refer to cumulative impact section in all specialist
	the proposed development must be rated with		studies (Appendix A – H).
	the significance rating methodology used in the		
	process.		
	The significance rating must also inform the need		Please refer to cumulative impact section in all specialist
	and desirability of the proposed development.		studies (Appendix A – H).
	> A cumulative impact environmental statement		Please refer to cumulative impact section in all specialist
	on whether the proposed development must		studies (Appendix A – H).
	proceed.		
	(iv) Should the appointed specialists specify		No contradicting recommendations have been proposed
	contradicting recommendations, the EAP must		by the specialists with that of the recommendations of the
	clearly indicate the most reasonable		EAP (see Appendix A - H).
	recommendation and substantiate this with		
	defendable reasons: and were necessary, include		
	further expertise advice.		
2.5.	The Environmental Management Programme (EMPr) to		
	be submitted as part of the final report must include the		
	following:		
	(i) All recommendations and mitigation measures		All recommendations and mitigation measures recorded in
	recorded in the final report and the specialist studies		the revised motivation report and associated specialist
	conducted.		studies are included in the EMPr (Appendix K).
	(ii) The final site layout map.		Refer to Section 1 of the EMPr (Appendix K).
	(iii) Measures as dictated by the final site layout map		Refer to Section 1 of the EMPr (Appendix K).
	and micro-siting.		
	(iv) An environmental sensitivity map indicating		Note that an EIA process was undertaken and not a Basic
	environmental sensitive areas and features		Assessment process for the original application. An
	identified during the basic assessment process.		amendment application is now being undertaken as
			submitted herein. For the environmental sensitivity map

NO.	COMMENT	RAISED BY	RESPONSE
			indicating environmental sensitive areas, please refer to
			Section 1 of the EMPr (Appendix K).
	(v) A map combining the final layout map		Refer to Section 1 of the EMPr (Appendix K).
	superimposed (overlain) on the environmental		
	sensitivity map.		
	(vi) An alien invasive management plan to be		Refer to Appendix B of the EMPr (Appendix K).
	implemented during construction and operation of		
	the facility. The plan must include mitigation		
	measures to reduce the invasion of alien species		
	and ensure that the continuous monitoring and		
	removal of alien species is undertaken.		
	(vii) A plant rescue and protection plan which allows for		Refer to Appendix D of the EMPr (Appendix K).
	the maximum transplant of conservation important		
	species from areas to be transformed. This plan must		
	be compiled by a vegetation specialist familiar with		
	the site and be implemented prior to		
	commencement of the construction phase.		
	(viii) An avifauna monitoring and management plan to		Refer to Appendix G of the EMPr (Appendix K). Reputable
	be implemented during the construction and		avifaunal specialists' have formulated the current Birdlife
	operation of the facility. This plan must be drafted by		South Africa Best Practice Guidelines for assessing and
	a suitably qualified avifauna specialist.		monitoring the impact of wind energy facilities on birds in
			South Africa. At this stage, it is premature to compile a
			detailed avifauna monitoring and management plan for the
			construction and operation phase of the Witberg WEF, as it
			is unknown when construction of the facility will commence
			given the uncertainty of the current REIPPP programme bid
			process, and where possible updates to the guidelines may
			have been made at a later stage which will need to be
			incorporated into the detailed avifauna monitoring and

NO.	COMMENT	RAISED BY	RESPONSE
			management plan for the construction and operation phase. As such, the Birdlife South Africa Best Practice
			Guidelines for assessing and monitoring the impact of wind
			energy facilities on birds in South Africa are provided to
			which are to be complied with when the detailed avifauna
			monitoring and management plan is compiled. This must
			however must be undertaken prior to construction.
	(ix) A re-vegetation and habitat rehabilitation plan to be implemented during the construction and operation of the facility. Restoration must be undertaken as soon as possible after completion of construction activities to reduce the amount of habitat converted at any one time and to speed up the recovery to natural habitats.		Refer to Appendix C of the EMPr (Appendix K).
	(x) An open space management plan to be implemented during the construction and operation of the facility.		Refer to Appendix E of the EMPr (Appendix K).
	(xi) A traffic management plan for the site access roads to ensure that no hazards would result from the increased truck traffic and that traffic flow would not be adversely impacted. This plan must include measures to minimize impacts on local commuters e.g. limiting construction vehicles travelling on public roadways during the morning and late afternoon commute time and avoid using roads through densely populated built-up areas so as not to disturb existing retail and commercial operations.		Refer to Appendix H of the EMPr (Appendix K).

NO.	COMMENT	RAISED BY	RESPONSE
	(xii) A transportation plan for the transport of components, main assembly cranes and other large pieces of equipment.		Refer to Appendix H of the EMPr (Appendix K).
	(xiii) A storm water management plan to be implemented during the construction and operation of the facility. The plan must ensure compliance with applicable regulations and prevent off-site migration of contaminated storm water or increased soil erosion, The plan must include the construction of appropriate design measures that allow surface and subsurface movement of water along drainage lines so as not to impede natural surface and subsurface flows. Drainage measures must promote the dissipation of storm water run-off.		Refer to Appendix I of the EMPr (Appendix K).
	(xiv) A fire management plan to be implemented during the construction and operation of the facility.		Refer to Appendix J of the EMPr (Appendix K).
	(xv) An erosion management plan for monitoring and rehabilitating erosion events associated with the facility. Appropriate erosion mitigation must form part of this plan to prevent and reduce the risk of any potential erosion.		Refer to Appendix F of the EMPr (Appendix K).
	(xvi) An effective monitoring system to detect any leakage or spillage of all hazardous substances during their transportation, handling, use and storage. This must include precautionary measures to limit the possibility of oil and other toxic liquids from entering the soil or storm water systems.		Refer to Appendix K of the EMPr (Appendix K).

NO.	COMMENT	RAISED BY	RESPONSE
	(xvii) Measures to protect hydrological features such as		Refer to Section 4.2 Objective 13 of the EMPr (Appendix K).
	streams, rivers, pans, wetlands, dams and their		
	catchments, and other environmental sensitive		
	areas from construction impacts including the direct		
	or indirect spillage of pollutants.		
	The EAP must provide detailed motivation if any of the		Detailed motivation has been provided for DEA comment
	above requirements is not required by the proposed		(e)(viii) above. No other detailed motivation is required.
	development and not included in the EMPr.		
2.6.	General		
	Please ensure that all mitigation recommendations are in		It can be confirmed that the mitigation recommendations
	line with applicable and most recent guidelines.		are in line with applicable and most recent guidelines.
	Please note that in terms of regulation 32 of EIA		The revised motivation report will be submitted within the
	regulations 2014 as amended, the applicant is required		legislated timeframes as required (i.e. submission deadline 14
	within a specified timeframe to submit a report to this		May 2019).
	Department in light of the proposed amendments.		
3.	Due to the reduction, change in location and	SW Carstens	No objection to the project is hereby acknowledged.
	specification of the turbines as well as other changes, it	WC T&PW	
	prompted an application for an amendment of the		
	environmental authorization.	Letter: 12 Dec 2018	
	This Branch offers no objection to the application.		
4.	Please find consolidated comment from various	WC DEA&DP	
	directorates within the Department on the Amendment		
	Motivation Report.	Letter: 14 Dec 2018	
4.1.	Increase the range of hub height from 92m to a range	Ms Jessica Christie	
	from 02m up to 120m;	Directorate:	
4.1.1.	Since it is requested that the amendments and appeal	Development	Please refer to Section 2 of the revised motivation report.
	decisions for this project are consolidated into one	Management	
	environmental authorisation, it is unclear to this		

NO.	COMMENT	RAISED BY	RESPONSE
	Directorate whether the consolidated EA, if granted,		
	would be aligned with the requirements of the 2014		
	Environmental Impact Assessment ("EIA") Regulations (as		
	amended). This Directorate believes that it should be		
	aligned, and that all similarly listed activities should have		
	been considered and included in the amendment		
	application.		
4.1.2.	The Ornithological Collision Risk Modelling Update Report		Please refer to Section 4 of the CRM report (Appendix A).
	dated 25 July 2018 compiled by Ecology Consulting was		
	based on the approved layout that authorised 27		
	turbines. Since the compilation of said report, a		
	statement was issued by the specialist on 21 August 2018,		
	assessing the new proposed layout of 25 wind turbines. It		
	is unclear from the Ornithological Collision Risk Modelling		
	Update Report how the collision risk modelling		
	predictions were determined. It is however noted that		
	there are tables with calculations, but the process is still		
	not clear. This Directorate is concerned that interested		
	and affected parties ("IA&Ps") may not understand the		
	risk modelling process as the report is highly technical.		
4.1.3.	As with the collision risk modelling predictions indicated		Please refer to Section 5 and Appendix 1 of the avifauna
	above, it is not clear how the predictions in the Avifauna		addendum report (Appendix B).
	Impact Report compiled by Birds Unlimited were		
	determined. The following extract is taken from page 3		
	of the Avifauna Impact Report:		
	"The CRM estimated 0.36 Verreaux's Eagle adult and		
	juvenile fatalities annually (Percival 2018) with taller 120-		
	m turbines, (and 0.41 eagles for 105-m turbines, and 0.46		
	eagles for 92-m turbines). We conclude that by		

NO.	COMMENT	RAISED BY	RESPONSE
	combining the two models we estimate that between		
	0.72 Verreaux's Eagles (120- m turbines), 0.82 eagles (105-		
	m turbines) and 0.92 eagles (92-m turbines) may be killed		
	annually. For Booted Eagles the equivalent figures are		
	0.08 Booted Eagle <u>Aquila hieraetus</u> fatalities (for all		
	turbine heights) will occur per year. Further mitigations		
	are required if the level of eagle fatalities exceeds 1.0		
	Verreaux's Eagles per year to reach acceptable levels."		
4.1.3.1.	However, further in the Avifauna Impact Report it is		Please note that the avifauna report has been updated.
	written that through the review of data from operational		Please refer to Appendix B for the latest revision and figures.
	farms, a median rate of mortality was determined as 4.1		
	birds/turbine/year. Further along the report, (page 22) it		
	is written that the model forecasting fatalities at the new		
	hub height of 120m and 25 wind turbines is 400 birds		
	(assumed per annum?) and for eagles alone, the model		
	suggests a 2-fold increase in fatalities when hub heights		
	are increased from 92m to 120m.		
4.1.3.2.	These values appear to question the suitability of the		Please note that the avifauna report has been updated.
	entire development proposal since the number of eagles		Please refer to Appendix B for the latest revision and figures.
	in the area are already very limited and what can be		
	deduced from all these calculations and predictions in		
	the various reports, is that the populations of the eagles		
	will be decimated within 2-3 years once the WEF is		
	operational.		
4.1.4.	The comparative assessment of heritage impacts		Please refer to Appendix 1 in the updated Heritage
	indicates that the main impact on heritage resources		Addendum Report (Appendix E).
	was identified in 2011. However, the methodology used		
	in determining the impact ratings (extent, duration,		
	magnitude, probability, significance, reversibility, etc.)		

NO.	COMMENT	RAISED BY	RESPONSE
	was not included and it is thus difficult to understand how		
	the description of the nature of the impact relates to the		
	magnitude and the probability of the impact, given that		
	the visual impact of the WEF is high, which obviously has		
	a definite impact on the sense of place.		
4.1.5.	Section 5.5.1 of the Amendment Motivation Report states		The proposed impact has been rated as "probable" and
	that "The impact relates to the affect (sic) the proposal		"medium", given that the proposed amendments have not
	will have on the setting around the site, especially with		yet been approved which decreases the likelihood of the
	respect to important heritage sites such as Matjiesfontein		impact occurring. In addition, the magnitude is medium
	that has a remote sense of place on the edge of the		given that the wind turbines have been reduced to 25 wind
	great Karoo. The industrialising of the surrounding rural		turbines when compared with the 27 wind turbine layout,
	and remote areas will have an impact on the sense of		and two wind turbines (turbines 10 and 18) have been
	place.		relocated which reduces the potential magnitude of the
			impact.
	This impact related mostly to the operational phase of		
	the project." It is unclear how the probability and the		
	significance of the proposed amendment could be		
	rated as "probable" and "medium" when the increased		
	wind turbine specifications will cause a greater impact,		
	compared to the probability of "definitive" and "high"		
	negative significance for the authorised development		
4.1.6.	The advantages and the disadvantages regarding the		To clarify, the reduction of wind turbines from a 27-wind
	wind turbines as indicated in the Amendment Report to		turbine layout to a 25-wind turbine layout mean that the
	the Visual Impact Assessment ("VIA") compiled by		clutter of turbine in totality are reduced which is an
	Bernard Oberholzer dated 5 November 2018, are unclear		advantage. In addition to this, and with the relocation of
			wind turbines two wind turbines (turbines 10 and 18), the
			viewshed analysis and photomontages have changed
			slightly in terms of visibility, thereby indicating that the visibility
			of the turbines would be largely imperceptible.

NO.	COMMENT	RAISED BY	RESPONSE
4.1.6.1.	Said report indicates that "the relocation of three		Please refer Section 6 of the updated visual addendum
	turbines further west" could be regarded as an		report (Appendix G). This advantage has been revised.
	advantage. It is unclear which three turbines and where		
	west is, is referred to.		
4.1.6.2.	The statement that "the relocation of the substation on		Please refer Section 6 of the updated visual addendum
	the same ridge as the turbines" could also be an		report (Appendix G). This advantage has been revised.
	advantage, is also unclear as it is not indicated on a plan.		
	Based on the maps provided, the relocation of the		
	substation could not be detected as the Amendment		
	Report to the VIA was the only specialist study that		
	indicated this.		
4.1.6.3.	The powerline connection further east is also not		The powerline connection is clearly shown in the relevant
	understood, as it is unclear where the original position		specialist addendum reports (Appendix A - H), and was
	was. Again, no other specialist report indicated this		taken into consideration accordingly. Please refer to the
	change and the impact it may or may not have.		updated specialist reports.
4.1.6.4.	The impact that the access roads where the turbine		Please refer to Figure 2 and Figure 3 of the visual addendum
	positions have changed, was also not indicated in the		report which shows the change in access roads (Appendix
	Amendment Report to the VIA.		G).
4.1.7.	The Environmental Management Programme ("EMPr")		Please refer to the revised EMPr (Appendix K). The EMPr has
	dated November 2018 must comply with the		been revised in accordance with Appendix 4 of the EIA
	requirements of section 24N of the National		Regulations (2014), as amended.
	Environmental Management Act, 1998 (Act No. 107 of		
	1998) ("NEMA"). Since the EMPr was not yet approved, it		
	must also comply with Appendix 4 of the EIA Regulations,		
	2014 (as amended). Unfortunately, the EMPr does not		
	meet all the requirements of Appendix 4 of the EIA		
	Regulations, 2014 (as amended) and should be updated		
	to reflect the requirements of the applicable legislation.		

NO.	COMMENT	RAISED BY	RESPONSE
4.1.8.	The section in the EMPr dealing with bird and bat		Recommendations have been provided by the avifaunal
	monitoring post-construction, indicates that for both		specialist for requirements that need to be included in the
	animal species, post-construction monitoring must be		avifaunal construction and operation monitoring and
	undertaken in accordance with the relevant conditions		management plan. However, as motivated for the response
	of the environmental authorisation and the latest		to DEA comment (e)(viii) above, at this early stage, it is
	applicable bird monitoring guidelines for wind energy		premature to compile a detailed avifauna monitoring and
	facilities. This Directorate is concerned about these		management plan for the construction and operation
	statements as the specialists must provide monitoring		phase of the Witberg WEF, as it is unknown when
	procedures and recommendations for monitoring. The		construction of the facility will commence given the
	specialists and environmental assessment practitioner		uncertainty of the current REIPPP programme bid process,
	should provide recommendations to the competent		and where possible updates to the guidelines may have
	authority for post-construction monitoring, and the		been made at a later stage which will need to be
	competent authority should then decide whether these		incorporated into the detailed avifauna monitoring and
	recommendations are sufficient. Failure to include such		management plan for the construction and operation
	information in the EMPr highlights severe gaps in		phase. As such, the Birdlife South Africa Best Practice
	knowledge in the amendment application		Guidelines for assessing and monitoring the impact of wind
			energy facilities on birds in South Africa are provided (see
			Appendix G of the EMPr in Appendix K of the revised
			motivation report) to which are to be complied with when
			the detailed avifauna monitoring and management plan is
			compiled. This must however must be undertaken prior to
			construction.
			In terms of bat monitoring and management plans, much
			like the motivation provided in terms of the response to DEA
			comment (e) (viii) above, the study design of the operational
			monitoring must comply with the latest version of South South
			African Bat Assessment Advisory Panel (SABAAP) operational
			guidelines that will be in force at the time that such a study

NO.	COMMENT	RAISED BY	RESPONSE
			can be designed once the layout is finalised and approved.
			And of course, that time is only in the future and it cannot be
			predicted what details will be in the guidelines by then. The
			detailed bat monitoring and management plans has been
			recommended to be compiled prior to construction when
			that may be at some time in the future.
4.1.9.	Based on the insufficient information stated above, this		The relevant comments and updates to the revised
	Directorate recommends that the Amendment		motivation report and associated specialist comments have
	Motivation Report and relevant specialist studies be		been responded to herein and are provided accordingly in
	revised, and sufficient information be provided to allow		the revised motivation report and associated appendices
	this Directorate to provide more informed comments.		(Appendix A – H).
4.2.	The following amendments to the EMPr are proposed:	Ms Simone Bugan	
4.2.1.	Aspect 16 in section 4.1 should be amended to ensure	Directorate: Waste	Please refer to Objective 16.2 in Section 4.1 of the revised
	that waste skips should be covered as far as possible to	Management	EMPr (Appendix K).
	limit the occurrence of wind-blown litter.		
4.2.2.	Vegetation clearance should preferably be phased as		Please refer to Objective 3.6 & 5.9 in Section 4.2 of the revised
	work is required in certain areas, as opposed to		EMPr (Appendix K).
	clearance of the entirety of the site at once. If this is not		
	practical, and the entire site will be cleared at the start		
	of the contract, the cleared areas must be stabilised		
	immediately to control dust.		
4.2.3.	Wherever possible, indigenous vegetation should be		Please refer to Objective 5.10 in Section 4.2 of the revised
	trimmed rather than cleared.		EMPr (Appendix K).
4.2.4.	Cleared vegetation is not allowed to be dumped		Please refer to Objective 5.11 in Section 4.2 of the revised
	anywhere, other than at an approved waste disposal		EMPr (Appendix K).
	facility or at an area agreed to by the environmental		
	control officer.		
4.2.5.	Wherever possible and where the material is suitable,		Please refer to Objective 5.12 in Section 4.2 of the revised
	vegetation should be chipped for later use as mulch in		EMPr (Appendix K).

NO.	COMMENT	RAISED BY	RESPONSE
	landscaped areas or for stabilisation purposes; or it should be taken to a green waste/ compost facility for compost production.		
4.2.6.	Invasive alien plants that are removed from the site should not be chipped for mulch if they are in a seed-bearing stage to prevent further distribution of alien plant seeds. Such material should be disposed of at a suitable waste disposal facility. Wherever possible, suitable larger stumps should be made available to the local community for further use.		Please refer to Objective 5.13 in Section 4.2 of the revised EMPr (Appendix K).
4.2.7.	The EMPr must provide an indication of the expected quantities of waste to be generated during the construction and operational phases of the proposed development. Whilst it is recognised that very little solid waste will be generated during the operational phase, please be advised that should more than 100m3 of general waste, and/or more than 80m3 of hazardous waste be stored for a period exceeding 90 days, the storage of such waste must adhere to the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008): National Norms and Standards for the Storage of Waste promulgated in Government Notice ("GN") No. 926 of 29 November 2013. If the above thresholds are met, the waste storage facility must also be registered on this Department's Integrated Pollutant and Waste Information System (http://ipwis.pgwc.gov.za/ipwis3/public).		It is confirmed that no more than 100m3 of general waste, and/or more than 80m3 of hazardous waste will be stored for a period exceeding 90 days, such that the storage of such waste does not trigger the requirements in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008): National Norms and Standards for the Storage of Waste promulgated in Government Notice ("GN") No. 926 of 29 November 2013.
4.3.	(12 0 / 12 0 12 0 0 1 0 0 1 0 0 1 0 1 0 1 0 1 0	Mr Peter Harmse	

NO.	COMMENT	RAISED BY	RESPONSE
		Directorate: Air	
		Quality	
		Management	
4.3.1.	This Directorate notes that potential dust impacts during		Please refer to Objective 3.7 in Section 4.2 of the revised EMPr
	the various phases of the proposed development have		(Appendix K).
	been addressed in the EMPr. The generation of dust must		
	comply with the National Dust Control Regulations (GN		
	No. R. 827 of 1 November 2013), promulgated in terms of		
	the National Environmental Management: Air Quality		
	Act, 2004 (Act No. 39 of 2004) ("NEM:AQA"). The		
	Amendment Motivation Report and EMPr must be		
	amended to include the requirements of the NEM:AQA		
	and the National Dust Control Regulations.		
4.3.2.	The EMPr must provide more information on what the		Please refer to Appendix C and Appendix H in the revised
	dust abatement measures will entail.		EMPr (Appendix K) for further dust abatement measures.
4.3.3.	This Directorate notes that the Re-Modelling of the Noise		The acceptability of the findings of the Noise Impact
	Impact Assessment compiled by Safetech dated 1		Assessment re-modelling exercise from Directorate are
	August 2018 indicated that the proposed amendment		hereby acknowledged.
	would not exceed the current SANS 10103: 2008 limit of		
	45 dB(A) at any of the noise sensitive areas, including the		
	cumulative impacts from other wind energy facilities. The		
	findings of the Noise Impact Assessment re-modelling		
	exercise are acceptable to this Directorate.		
4.3.4.	The applicant is reminded of its general duty of care and		The revised EMPr has been compiled in response to this to
	the remediation of environmental damage in terms of		ensure that reasonable measures have been provided to
	section 28(1) of the NEMA, 1998 which specifically states		prevent such pollution or degradation from occurring,
	that: "Every person who causes, has caused or may		continuing or recurring. Please refer to Appendix K for the
	cause significant pollution or degradation of the		revised EMPr.
	environment must take reasonable measures to prevent		

NO.	COMMENT	RAISED BY	RESPONSE
	such pollution or degradation from occurring, continuing		
	or recurring, or, in so far as such harm to the environment		
	is authorised by law or cannot reasonably be avoided or		
	stopped, to minimise and rectify such pollution or		
	degradation of the environment"		
4.4.	The Department reserves the right to revise or withdraw comments and request further information based on any		The Department's right to reserve the right to revise or withdraw comments and request further information based
	or new information received.		on any or new information received is hereby
			acknowledged.

2. COMMENTS RECEIVED FROM STAKEHOLDERS

NO.	COMMENT	RAISED BY	RESPONSE
1.	Following a review of the EA motivation report and	Mr Colin Fordham	
	appendices, CapeNature would like to make the	Manager: Scientific	
	following comments/recommendations:	Services	
		CapeNature	
		Letter: 13 Dec 2018	
1.1.	The cumulative impact needs to be assessed relative to		Please refer to cumulative impact section in all specialist
	all approved WEFs in the region and all specialists need		studies (Appendix A – H).
	to take this into consideration.		
1.2.	All maps still seem to illustrate the extent of 27 turbines		Please refer to the updated all specialist studies (Appendix
	and it is unclear where the new locations of the 25		A – H) which refer to a 25-wind turbine layout.
	turbines will be situated?		
1.3.	The noise impact on fauna was not considered, has this		It is not expected that the noise impact on fauna will have
	changed considerably?		changed considerably to what was assessed.
1.4.	The ecological specialist report and all other relevant		Consideration was given in the relevant ecological
	reports, need to be updated to include consideration of		specialist letter (Appendix A). It was noted that in terms of

NO.	COMMENT	RAISED BY	RESPONSE
	the WCBSP (2017) data, in terms of impact assessment		this layer there are no CBA1 or CBA 2 areas within the
	and sensitivity ratings, not Skowno et al. (2009). In		development footprint. The drainage features of the site
	addition to which the following aspects WCBSP (2017)		are classified as Ecological Support Areas and as these
	data need to be considered:		areas are classified as Very High sensitivity, impact on these
			features would be minimal and provided that erosion and
			other impacts on the site are adequately mitigated, then
			impact on the functioning of the ESAs would be low
1.4.1.	CBA regions are areas delineated that are in a natural		It was confirmed with the specialist that in terms of the 2017
	condition that are required to meet biodiversity targets,		Western Cape Biodiversity Sector Plan (WC BSP) layer, there
	for species, ecosystems or ecological processes and		are no CBA 1 or CBA 2 areas within the proposed
	infrastructure. As stipulated in the Land Use Advice (LUA)		development footprint. The drainage features of the site
	Handbook (Pool-Stanvliet et al. 2017) although the Farms		are classified as Ecological Support Areas and as these
	may have undergone a level of disturbance, this cannot		areas are classified as Very High sensitivity, impact on these
	be used as motivation for establishing of development		features would be minimal however, and provided that
	within CBA or ESA areas. It should be noted that it is the		erosion and other impacts on the site are adequately
	landowner's responsibility to ensure his property is suitably		mitigated, then impact on the functioning of the ESAs would
	maintained at a level consistent with LUA guidelines. The		be low.
	loss of the CBA on the site will therefore compromise		
	conservation targets and the loss of ESA would		In terms of CapeNature Land Use Advice (LUA) Handbook,
	compromise the CBA. Could the EAP discuss this		the development of a wind farm is compatible with areas
	development in context with the CapeNature LUA		that are classified as Other Natural Areas.
	guideline document? Reference to this document was		
	not found within any of the reports.		
1.4.2.	Should the EAP wish to determine why particular WCBSP		The technical assistance provided in terms of why particular
	layers are present in a region, the reasons layer of the		WCBSP layers are present in a region are hereby
	dataset should be interrogated accordingly.		appreciated.
1.4.3.	There is no mention of the stewardship sites located to		It has been stated by the ecological specialist that although
	the north and south of the WEF properties and how these		there are some stewardship sites in the broader vicinity of
			the site, these are more than 1.5km away from the turbines

NO.	COMMENT	RAISED BY	RESPONSE
	may influence impact assessment ratings, from a		and direct impact on terrestrial fauna and flora within these
	biodiversity perspective.		areas is not likely.
1.5.	CapeNature has previously received disturbing reports		A recommendation Eagle persecution agreement has
	one a number of controversies attached to this WEF		been included as a recommendation that is to be included
	development, including the removal of an Eagle nest		in the environmental authorisation. Please refer to Section 6
	and harassing birds to get them to move out of the area.		of the avifaunal report (Appendix B), as well as Section 9 of
	The previous Avifaunal specialist reports (while thorough),		the revised motivation report.
	did not make provision for how the newly fledged chicks		
	of the Verreaux's Eagle would use the landscape. This		
	study was commissioned in order to provide this		
	information and CapeNature has the following		
	comments and recommendations:		
1.5.1.	CapeNature remains concerned that this is the third		It can be confirmed that all relevant reports and data have
	specialist employed on this site, was the current specialist		been provided to the avifauna specialists for the proposed
	supplied all of the data collated by previous specialists?		amendment application for consideration in this
	If so, it is unclear why this was stipulated to be only a one		amendment. Please refer to Appendix A & Appendix B for
	year study, when only one of the five eagle nests were		the latest assessments.
	active? This severely constrains the results and		
	conclusions due to limitation associated with such a small		
	sample set. CapeNature however, strongly maintains all		
	mitigations as supplied by the specialist must be		
	implemented as and when required. These include (but		
	are not limited to):		
1.5.1.1.	Bird flight diverters be fitted to all overhead power lines		Please refer to Objective 21.8 in Section 4.1 and Objective
	and where possible lines should be buried especially on-		10.5 in Section 4.2 of the revised EMPr (Appendix K).
	site		
1.5.1.2.	Post-construction monitoring is imperative. If eagle		Please refer to Objectives 11.3 to 11.7 in Section 4.3 of the
	fatalities exceed 0.72 per year for the site mitigation		revised EMPr (Appendix K).
	measures must be implemented. Turbines killing one or		

NO.	COMMENT	RAISED BY	RESPONSE
	more threatened species per year must be mitigated which may include one or more of the following: • One blade painted a different (colour subject to Civil Aviation regulations) • Fitting turbines with automated deterrents • Shut-down-on-demand of specific turbines		
1.5.1.3.	Post-construction monitoring to be done over a period of a minimum of 24 months, which can be extended based on the outcomes of the monitoring.		A post-construction and operation monitoring and management plan will be undertaken in accordance with the latest South Africa Best Practice Guidelines for assessing and monitoring the impact of wind energy facilities on birds in South Africa as and when required. At this stage, it is premature to compile a detailed avifauna monitoring and management plan for the construction and operation phase of the Witberg WEF, as it is unknown when construction of the facility will commence given the uncertainty of the current REIPPP programme bid process, and where possible updates to the guidelines may have been made at a later stage which will need to be incorporated into the detailed avifauna monitoring and management plan for the construction and operation phase. As such, the Birdlife South Africa Best Practice Guidelines for assessing and monitoring the impact of wind energy facilities on birds in South Africa are provided to which are to be complied with when the detailed avifauna monitoring and management plan is compiled. This must however must be undertaken prior to construction.
1.5.1.4.	No turbines to be constructed within at least 1.5 km from		Please refer to the latest avifauna addendum assessment
	known Verreaux's Eagle Nests. CapeNature noted in previous letters that there were 5 different nests, yet in this		which included for a recent follow up site visit, and the resultant findings in terms of nesting activity (Appendix B).

NO.	COMMENT	RAISED BY	RESPONSE
	assessment there was only one, which is a direct concern.		Further please note that all turbines are located 1.5km away from the known Verreaux's Eagle Nests.
1.5.1.5.	Considering the issues around the removal of the nests, a written agreement with the landowner regarding the protection of the nest and allowing monitors onto the property to monitor nests must be reached as a condition in the authorisation		This recommendation is proposed in the revised motivation report. Please refer to Section 9 of the revised motivation report.
1.5.1.6.	No construction work within 1000m of the nests of any Booted and Verreaux's Eagles during the breeding season of these two species.		Please refer to Objectives 10 in Section 4.2 of the revised EMPr (Appendix K).
1.6.	Lastly on page 25 of the avifaunal report by Birds & Bats Unlimited the authors refer to a monitoring program that the Witberg Wind Power (Pty) Ltd will develop as one of the conditions specified by the Department of Environmental Affairs. From the paragraph it is deduced that this has already be compiled and CapeNature would like to request a copy if possible?		A post-construction and operation monitoring and management plan will be undertaken in accordance with the latest South Africa Best Practice Guidelines for assessing and monitoring the impact of wind energy facilities on birds in South Africa as and when required. At this stage, it is premature to compile a detailed avifauna monitoring and management plan for the construction and operation phase of the Witberg WEF, as it is unknown when construction of the facility will commence given the uncertainty of the current REIPPP programme bid process, and where possible updates to the guidelines may have been made at a later stage which will need to be incorporated into the detailed avifauna monitoring and management plan for the construction and operation phase. As such, the Birdlife South Africa Best Practice Guidelines for assessing and monitoring the impact of wind energy facilities on birds in South Africa are provided to which are to be complied with when the detailed avifauna

NO.	COMMENT	RAISED BY	RESPONSE
			monitoring and management plan is compiled. This must however must be undertaken prior to construction.
1.7.	Given the above there is insufficient information for CapeNature to formulate an informed opinion on the proposed EA amendment application. CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.		Cape Nature's right to reserve the right to revise initial comments and request further information based on any or new information received is hereby acknowledged. However, Cape Nature are referred to the revised motivation report and associated specialist studies (Appendix A - H) and EMPr (Appendix K) for consideration.
2.	The South African National Roads Agency SOC Limited (SANRAL) has received background information and a site layout plan for this project and based on the proximity of the project in relation to the nearest National Road N1, it appears that SANRAL could be impacted by this development.	Nicole Abrahams Environmental Coordinator: Western Region SANRAL	Should the amendments received environmental authorization and should the project proceed to construction, the service owner will apply for a written permission from SANRAL, before any work is carried out.
	If services need to be constructed over or under the national road, (in this case the N1) or within 60m measured from the road reserve fence, the service owner must apply for a written permission from SANRAL, before any work may be carried out. Attached please find an application form for the proposed encroachment.	Letter: 11 Jan 2019	
3.	On the 11 December 2018 I received an email reminder that the comment period for the draft Motivation Report for the above project ended on Friday, 14 December 2018. However, I had not received the any notices prior to this, other than an email in August asking for confirmation that BirdLife South Africa wanted to remain an interested and affected party (I&AP). My colleague,	Samantha Rolston- Paton Birds and Renewable Energy Manager BirdLife SA Letter: 11 Jan 2019	The matter was researched and found that the e-mail notification of the availability of the draft Amendment Motivation Report was sent to all Registered I&APs on the project database.

NO.	COMMENT	RAISED BY	RESPONSE
	Dale Wright, also received the reminder, but not the first		It can be confirmed that no other RI&AP reported not
	notification of the opportunity to comment. It is unclear if		receiving the e-mail notification of the availability of the
	this problem extended to other I&APs. On 12 December		draft Amendment Motivation Report.
	I requested an extension, but received no response from		
	Savannah. On returning from leave I followed up,		Follow up emails were sent subsequent to this, and receipt
	inquiring what a reasonable deadline was for comment		of emails from our <u>publicprocess@savannahsa.com</u> email
	and still await a response to this question. We trust that		addressed used to communicate with Registered I&Aps,
	this input will be considered and encourage you to follow		was confirmed on the 19 March 2019 by Mr. Dale Wright.
	up with other I&APs to confirm if they received the initial		
	notification.		
3.1.	Changes in turbine specifications:		The response from the avifaunal specialist (Dr. Rob Simmons)
	There is limited scientific literature to shed light on the		is as follows:
	debate whether larger turbines will result in increased		Loss et al. (2013) summarised and re-analysed the data from
	fatality rates and if this could be balanced by the		53 studies on exactly this topic in the USA. They found a
	increase power output (see for e.g. Marques et al. 2014).		strong and positive relationship between turbine height and
			fatalities – higher turbines kill significantly more birds than
	While we welcome the proposed reduction in the		smaller turbines. Because it is an exponential increase it is
	number of turbines, we remain concerned that the data		difficult to see how a decrease in turbines (to reduce
	collected is out of date and inadequate for the purposes		fatalities) could compensate for the decrease in total
	of assessing and mitigating the impacts associated with		power output. Nevertheless, the Collision-Risk model using
	increasing the turbine size (see below, plus our comments		flight data from the previous work indicated that at the
	dated 29 July 2015).		Witberg fewer fatalities of Verreaux's Eagles are expected.
			It is not certain how the data can be considered
			"inadequate". The data cover two and a half years and
			over 350 hours and assessed all nest sites in all seasons under
			all weather conditions. It is doubted that there are many
			other wind farm sites that have this high level of focused
			research. It is also noted that the data were collected in a

NO.	COMMENT	RAISED BY	RESPONSE
NO.	COMMENT	KAISED BY	period when rainfall was normal, (in fact 100-150% above average in 2012 according to SAWS) and thus the eagles were breeding. There has been a drought in the Karoo since 2016 according to SAWS, and the two Witberg landowners that were spoken to recently by the avifaunal specialist in February 2019, stated that as little as 0-25% of the average (July 2016-June 2017) and 25-75% of the average (July -Dec 2018) was received. Given these drought conditions, had we collected data more recently it is likely that no breeding Verreaux's Eagles (VE) would have been apparent and a false impression of breeding and flights would have been apparent. It is accepted that the original flight heights were collected in bands (0-30 m, 30-130m and above 130 m) and this made it difficult to recalibrate the risks to eagles in the CRM when the turbine dimensions changed. However, the specialist is satisfied that the data used in the assessment is adequate, but not
3.2.	Extension of the validity of the EA: BirdLife South Africa is of the opinion that there are very good reasons to limit the period that environmental authorisations are valid for. These include that:		perfect.
3.2.1.	The receiving environment, and thus the environmental impact (including cumulative impact) may change;	-	See response to Point 3.4 below.
3.2.2.	There could be advances in our understanding of the nature and significance of impacts, and how to assess and mitigate impacts;		See response to Point 3.5 below.

NO.	COMMENT	RAISED BY	RESPONSE
3.2.3.	There could be economic and technological advances, both with regards to the project infrastructure and mitigation options;		See response to Point 3.6 below.
3.2.4.	The need and desirability of the project, and availability of alternatives to meet the need, could change; and		See response to Point 3.7 below.
3.2.5.	Lessons could be learned from procedural and operational challenges faced at operational projects.		See response to Point 3.8 below.
3.3.	A project approved some years ago may not be the best practicable environmental option when considered with todays' insights.		The above points were taken into consideration as per the avifaunal specialist report (refer to Appendix B).
	While BirdLife South Africa understand the challenges renewable energy developers face with regards to the timing of the Renewable Energy Independent Power Producer Procurement Programme, and we encourage the adoption of new, more efficient technologies, we do suggest that it is important to revisit impact assessment with the above points in mind and avoid perpetuating mistakes of the past.		
3.4.	Has the receiving environment, and thus the environmental impact (including cumulative impact) changed? Although the amendment report by Birds and Bats Unlimited concludes that the baseline environment has not changed, we can find no evidence that that they visited the site more recently than January 2015. We suggest that as a minimum a site visit, and nest site survey would have been appropriate. In particular we suggest		The response from the avifaunal specialist (Dr. Rob Simmons) is as follows: This statement is true and this precipitated a 2019 site visit to check on nests, habitat and the general environment. This was undertaken early February 2019. Please note that the original data were collected on the Elandsfontein nest site when it was active in 2011-2012. So those data are included in the original Turpie et al. (2012) report.

NO.	COMMENT	RAISED BY	RESPONSE
	that it would be important to determine if the Verreaux's		The 3-day site visit in February 2019 determined if the
	Eagle territory where the nest was illegally destroyed prior		receiving environment had indeed changed and the
	to the 20-14/2015 survey (i.e. Elandsfontein) has been		whether the number of eagles and nests on site had
	reoccupied and if nesting has resumed. Similarly, it would		changed. Our visit took place from 9-11 February and
	be useful to record any other changes in the use of and		included:
	location of other nesting areas as this may affect flight		
	patterns and thus the risk of collisions. In short, we do not		(i) surveys of all four large eagle nests (Verreaux's
	know if the receiving environment has changed.		and Martial) known on the site,
			(ii) vantage point surveys along the top ridge for
			flying eagles
			(iii) photographic records of all the known nests,
			(iv) walking surveys of different sections of the veld
			to determine health and differences from 2015.
			(v) discussions with the two land-owners/farmers
			(Lawrence Hart and Jan du Plessis)
			The results are added to the Amendment Report, with the
			main conclusions that:
			a) the habitat has been severely negatively affected
			by a combination of a large wild fire in February
			2016 and two years of drought;
			b) fewer small birds were recorded on both the
			Witberg Ridge and the surrounding plains;
			c) nevertheless, eagles were present: An adult Martial
			Eagle was present on the transmission line pylons
			below the proposed WEF and at least one of the
			two Verreaux's Eagle (VE) nests on the north-facing
			ridge had been active this year (Nest 1 eastern-
		J	1109e 1100 peett active 11113 year (17e3) 1 eastein-

NO.	COMMENT	RAISED BY	RESPONSE
			most) as judged by fresh "white-wash" (faeces).
			Both were photographed;
			d) The VE nest on Elandsfontein was still absent – no
			nests have been re-built on this southern-most cliff-
			face;
			e) However, the pair of eagles were recorded
			perched above the nest site and hunting along the
			southern ridge that runs east-west from Mr du
			Plessis's farm house, using the ridge tops as
			vantage points for hunting.
3.5.	Have there been advances in our understanding of the		The response from the avifaunal specialist (Dr. Rob Simmons)
	nature and significance of impacts, or how to assess and		is as follows:
	mitigate impacts?		This was known and pointed out in the 2015 report by Birds
			Unlimited (Appendix B) on the flights of the juvenile
	The potential significance of impacts on birds has		Verreaux's Eagles (Simmons and Martins 2015).
	changed from when the environmental authorisation		
	was issued in 2011. At that time of the EIA, Verreaux's		It is accepted by the avifaunal specialist that for the farm,
	Eagle was not threatened; it is now listed as regionally		overall the passage rate were high, but most of the hunting
	Vulnerable.		was done out over the plains to the north of nest 1 and 2.
			Within the areas close to the nests- with the precautionary
	Martial Eagle has also been up-listed from Vulnerable to		buffers around the eagle nests- have exceptionally low
	Endangered. At the time of the initial EIA, there were also		Passage Rates for Verreaux's Eagles (and zero for Martial
	no confirmed fatalities of Verreaux's Eagle or Martial		Eagles) as reported in our Amendment report. There were 7
	Eagle at wind energy facilities. We now know that these		flights in 333 hours within the 3.0 -1.5 km buffer around the
	species are at risk, including beyond the recommended		VE 1 Bantam nest (a very low Passage Rate of 0.021
	nest buffers. We also know that the area as exceptionally		eagles/h) for example. Therefore, the BLSA statement needs
	high passage rates of Verreaux's Eagle.		some qualification – in the critical areas.

NO.	COMMENT	RAISED BY	RESPONSE
	There have also been significant improvements in the		The avifaunal specialist has stated in response that this is true
	type and amount of data collected for avifaunal impact		since the guidelines were not available in 2012, but from the
	assessments in South Africa. The first avifaunal impact		number of hours and the years covered, sufficient data was
	assessment study falls well short of what is currently		collected to get a good understanding of the sensitive
	considered to be international best practice.		areas.
	These shortcomings have been addressed, to some		It was responded by the avifaunal specialist that it is true
	extent, through the pre-construction monitoring		that all the monitoring took place before the VE guidelines
	programme and subsequent reports. However, project		were published in 2017. Nevertheless, in total, 6 visits (and
	has been compromised incremental decision- making.		213 hours) were undertaken in 2011-2012 and another 4 visits
	Once the EA was issued (which was based on		(and 160 hours) in 2014-2015. The recent 2019 visit logged a
	inadequate information) the focus of specialist		further 28 hours. This cover 2.5 years of monitoring, satisfying
	assessments was how to minimise impacts, not whether		BLSA's 2-year monitoring requirements. It is also close to the
	or not the project should go ahead.		number of hours recommended given that there were 3 VPs
			and a total of [213+160+28 =] 401 hours of VP observations
	The additional avifaunal studies also fall short of what is		in the WEF over 2 years; the number of hours per VP per year
	recommended in BirdLife South Africa's 2017 Guidelines		(401 / 3 / 2) was 67 h /VP/yr – not far short of the 72 h
	on Verreaux's Eagle and Wind Farms. This recommends		suggested by BLSA, well before it was published. Thus, it is
	that if wind turbines are proposed within areas likely to		felt that most of the requirements required were satisfied to
	include Verreaux's Eagle territory, vantage points should		gain a good understanding of where the adult and juvenile
	be monitored for at least 72 hours per year, and if turbines		Verreaux's Eagles at Witberg fly and thus the risks.
	are proposed within areas associated with high flight		
	activity or risky behaviour (including topographic		It was responded by the avifaunal specialist that the
	features and within 3 km of nests), monitoring should be		assessment of flight heights in the bands explained above
	extended for two years.		was an oversight, but the fact that the eagle rarely ventured
			into band between 3 km and 1.5 km means that the heights
			become less important.
3.6.	Have there been economic and technological		The response from the avifaunal specialist (Dr. Rob Simmons)
	advances?		is as follows:

NO.	COMMENT	RAISED BY	RESPONSE
	This appears to be the only issue that has been considered in the application. We put forward that just as the applicant should be able to benefit from technological advances, the environment should also benefit from new information and better understanding of the issues.		It is acknowledged that as the applicant should be able to benefit from technological advances, the environment should also benefit from new information and better understanding of the issues. As such, the latest scientific research and technology in terms of mitigation measures will be applied such as with the stipulated mitigation measures proposed by the avifaunal specialist (refer to
3.7.	Has the need and desirability of the project changed? While there is undoubtedly a need for renewable energy in South Africa, we now know that much of South Africa has feasible wind resource. A substantial number of wind farms also have environmental authorisation in South Africa; enough for our energy targets to be met. The		Section 5 of the avifaunal addendum report – Appendix B). In terms of meeting the national requirements of the IRP (2010) with regards to renewable energy objectives, this need and desirability has not changed and serves as the main reason for the applicant wishing to proceed with the proposed development.
3.8.	need and desirability of the project has almost certainly changed. Lessons from procedural and operational challenges at other wind energy facilities. We are of the opinion that it is a good idea to revisit the conditions of authorisation and EMPr's whenever amendments or extensions to the validity of authorisations are applied for, as this is an opportunity to address any shortcomings and implementation challenges identified at operational projects.		The conditions of the original environmental authorisation, subsequent appeal decisions and amendments have been revisited in the revised motivation report. Please refer to Section 2 and 3 of the revised motivation report.
	challenges identified at operational projects.		

NO.	COMMENT	RAISED BY	RESPONSE
	We note the following points for completeness sake, but		
	this should not be construed as an endorsement of the		
	application.		
	To reduce the risk of fatalities as a result of electrocution		The recommendations of BLSA to bury all internal powerlines
	or collisions with powerline infrastructure we recommend		(except where it is not geotechnically feasible) have been
	the inclusion of a new condition of approval. This should		provided for in the EMPr (Appendix K) which will be required
	require that all internal powerlines (i.e. between turbines)		to be implemented.
	must be underground and follow the access roads,		·
	except where this is not a geotechnically feasible. The		
	design of all above-ground powerlines must be		
	confirmed to bird-friendly by the Endangered Wildlife		
	Trust's Wildlife and Energy Programme, and should be		
	marked with bird flight diverters.		

NO.	COMMENT	RAISED BY	RESPONSE
	We have encountered significant reluctance to		It is agreed that explicit conditions and thresholds are
	implement operational phase mitigation (e.g. shutdown		required to be enforced if fatalities are encountered. The
	on demand, or painting a turbine blade) at operational		applicant has agreed to look into the possibility of black-
	wind farms in South Africa. Concerns expressed include		blade mitigation at the Witberg site if deemed required.
	the cost, impact on turbine manufacturer guarantees,		
	and that these there is limited evidence to demonstrate		
	the effectiveness of this approach in similar		
	circumstances. There has also been some debate		
	around appropriate thresholds for action. To date, only		
	one wind farm in South Africa has implemented any sort		
	of shut-down-on-demand programme and none have		
	expressed any willingness to paint turbine blades. We		
	therefore recommend that the EMPr and EAs be far more		
	explicit with regards to the EMPr objectives, targets,		
	actions, and thresholds for additional mitigation.		
	The condition 40 of the authorization (as amended) is		An adaptive avifaunal monitoring and management plan
	therefore of concern (i.e. "should any unanticipated		will be compiled should the project receive preferred
	negative impacts be recorded, Witberg Wind (Pty) Ltd		bidder status, which will detail the specific mitigation
	commits to reducing these impacts. Mitigation measures		measures, including shutting down of problem turbines etc.
	to achieve this include shutting down problem turbines,		It is uncertain at this stage, when the project may actually
	if this is deemed necessary"). This condition is open-		proceed. Therefore, it is premature to have detailed roles
	ended and ambiguous. Reference to "unanticipated"		and responsibilities in terms of this at this point.
	impacts is problematic as bird fatalities, including of		
	threatened species, are anticipated at this proposed		
	wind farm - it is the number of fatalities that is uncertain.		
	It is also not clear who is responsible for deciding when		
	and what mitigation is "necessary" and what criteria		
	should be used.		

NO.	COMMENT	RAISED BY	RESPONSE
	The EMPr and amendment application does make some		The avifaunal specialist responded that in their own work at
	proposals for thresholds for additional mitigation, but are		an operational wind farm in the Eastern Cape, 25% of the
	we very concerned that this could be interpreted		turbines killed 75% of all raptors (Simmons and Martins
	sanctioning unsustainable fatality rates. The threshold put		unpubl report 2019). Similar numbers are apparent from
	forward in the EMPr is that all turbines killing one or more		other wind farms like Altamont and in Spain where 15% of
	Red Data Book bird per year must be painted or fitted		the turbines killed the majority of raptors. Given this, it is very
	with an automated deterrent or curtailment device		likely that mitigating a few turbines with a single black-blade
	(operational phase objective 11). In other words, if		will reduce any mortality to low levels on the farm. Therefore,
	fatalities are spread equally across the wind farm, 25 Red		by mitigating a few turbines fatalities can be reduced
	Data Book birds could be killed at the wind farm, with no		substantially. Theoretically, BLSA are correct that 25 eagles
	mitigation action recommended by the EMPr!		could be killed, but empirical evidence suggests this is far
			from reality.
	The amendment report by Birds and Bats Unlimited		The response from the avifaunal specialist (Dr. Rob Simmons)
	suggests a very different threshold – i.e. one Verreaux's		is as follows:
	Eagle fatality per year for the whole wind farm - but it		It is reminded that the main mitigation already planned and
	does suggest that turbines with high fatality rates (e.g.		implemented is to place the turbines away from high use
	Red Data Book bird per turbine per year) should be the		raptor areas. This has been done in numerous iterations and
	focus of mitigation efforts. Given that multiple		the two collision-risk models. The black blade and shut down
	threatened birds have been precited to be killed at the		on demand are secondary measures to reduce fatalities,
	facility over its lifetime, we also question the "wait and		not the primary ones. However, BESA agreed to look into
	see" approach to implanting operational phase		black blade mitigation as the turbines are constructed not
	mitigation. We suggest that the proactive		after they are operational.
	implementation of automated shutdown on demand		
	would help minimise fatalities from the outset.		
3.9.	In general, the EMPr is poorly written, with little apparent		Please refer to the revised EMPr (Appendix K).
	attention to detail. For example:		

NO.	COMMENT	RAISED BY	RESPONSE
3.9.1.	The stated objective (11) of the operational phase EMPr is "Loss of habitat-disturbance or destruction and monitor potential injury to avifauna and fatalities" – the objective		Please refer to Section 10 and 11 the revised EMPr (Appendix K), the objectives have been seperated.
3.9.2.	should surly be to minimize the loss of habitat etc.? It fails to recognize that shortcomings of the impact assessment and mitigation strategy could be responsible for high fatality rates, citing the major risk being a result of about the strategy (11.2) are statically labeled.		Please see responses above in terms of adequate mitigation measures, and requirement for adaptive management in Objective 11.5 in the revised EMPr (Appendix K).
	of changes in flight patterns (11.3, operational phase).		In general, this criticism could be raised for any wind farm, as before operations begin it is always unknown what fatalities may occur. The mitigations in terms of reduction in the number of turbines and their placement outside high use areas – gleaned from over 400 h of observations over 2.5 years in all seasons, allows some certainty that all
			adequate precautions have been undertaken. Moreover, Dr. Steve Percival's CRM (Appendix A) shows that the proposed wind turbine placement are suitable positions to reduce eagle fatalities, strengthens this position.
3.9.3.	There is unnecessary repetition (e.g. 21.6 and 21.8 of construction phase EMPr could be merged).		Please refer to the revised EMPr (Appendix K). Note that there are no objectives in terms of 21.6 and 21.8 in Section 4.2 construction phase of the EMPr. If the error is still present, please state the page number for ease of reference.
3.9.4.	It includes outdated reference to pre-construction monitoring (e.g. 21.7, construction phase).		Please refer to the revised EMPr (Appendix K). Note that there are no objectives in terms of 21.6 and 21.8 in Section 4.2 construction phase of the EMPr. If the error is still present, please state the page number for ease of reference.
3.9.5.	Is inconsistent with some of the recommendations of the specialist (e.g. Dr Simmons recommends construction		Please refer to the revised EMPr (Appendix K) and the updated avifaunal specialist report (Appendix B). The updated avifaunal specialist report refers to 24 months

NO.	COMMENT	RAISED BY	RESPONSE
	phase monitoring of birds, this is recommended in the		which is consistent with the current South Africa Best
	EMPr).		Practice Guidelines 2015. However, a post-construction and
			operation monitoring and management plan will be
			undertaken in accordance with the latest South Africa Best
			Practice Guidelines for assessing and monitoring the impact
			of wind energy facilities on birds in South Africa as and when
			required. At this stage, it is premature to compile a detailed
			avifauna monitoring and management plan for the
			construction and operation phase of the Witberg WEF, as it
			is unknown when construction of the facility will commence
			given the uncertainty of the current REIPPP programme bid
			process, and where possible updates to the guidelines may
			have been made at a later stage which will need to be
			incorporated into the detailed avifauna monitoring and
			management plan for the construction and operation
			phase. As such, the Birdlife South Africa Best Practice
			Guidelines for assessing and monitoring the impact of wind
			energy facilities on birds in South Africa are provided to
			which are to be complied with when the detailed avifauna
			monitoring and management plan is compiled. This must
			however must be undertaken prior to construction.
3.9.6.	It is inconsistent with the recommendations of BirdLife		It has been recommended that a post-construction and
	South Africa and EWT's Best Practice Guidelines (e.g. with		operation monitoring and management plan will be
	regards to the recommended duration of post-		undertaken in accordance with the latest South Africa Best
	construction monitoring (11, operational phase).		Practice Guidelines for assessing and monitoring the impact
			of wind energy facilities on birds in South Africa as and when
			required. At this stage, it is premature to compile a detailed
			avifauna monitoring and management plan for the
			construction and operation phase of the Witberg WEF, as it

NO.	COMMENT	RAISED BY	RESPONSE
			is unknown when construction of the facility will commence
			given the uncertainty of the current REIPPP programme bid
			process, and where possible updates to the guidelines may
			have been made at a later stage which will need to be
			incorporated into the detailed avifauna monitoring and
			management plan for the construction and operation
			phase. As such, the Birdlife South Africa Best Practice
			Guidelines for assessing and monitoring the impact of wind
			energy facilities on birds in South Africa are provided to
			which are to be complied with when the detailed avifauna
			monitoring and management plan is compiled. This must
			however must be undertaken prior to construction.
3.9.7.	It does not provide details on the roles and responsibilities		Please refer to the revised EMPr (Appendix K).
	for drafting and implementing the Adaptive		
	Management Plan, or I&AP consultation related to this		
3.9.8.	It does not address the protection and monitoring of		Protection measures have been included in Section 9 of the
	Verreaux's Eagle nest sites, has been recommended by		revised motivation report with regards to including a
	Dr. Simmons.		condition in the EA that the landowners do not persecute
			the Vulnerable red data eagles breeding on their property.
			In addition, please refer to the comment 3.9.6 above in
			terms of post-construction and operation monitoring and
			management.
3.10.	Conclusion		The conclusion of BLSA is respected and the detail with
			which have been brought to bear in their critique. However,
	BirdLife South Africa does not support the application to		it is countered that BLSA have overlooked all the Collision-
	extend the validity of the environmental authorisation.		Risk modelling, turbine placement adjustments, reduced
	While we respect the applicant's wish to benefit from the		turbine numbers and future mitigation measures that have
	increased efficiency of new, larger turbines, we suggest		been put in place to minimise negative impacts to the
	that that the entire project should be considered in light		eagle. The current avifaunal specialist report have made a

NO.	COMMENT	RAISED BY	RESPONSE
	of the most recent information and insights, not just one		number of improvements including of which is a recent site
	aspect of it. We caution against continuing with		visit to provide updated and recent findings on the activity
	incremental decision-making.		of the red data raptor species of concern on the Witberg
			site. In addition, the extensive observations of over 400 h
	Based on the available information we are of the opinion		and the two CRMs have shown the turbines are very unlikely
	that there are more suitable areas for the development		to be risky to the eagles. However, if the wind turbines still
	of wind energy in South Africa, and that the proposed		present a risk or result in an actual collision, then another set
	Witberg Wind Farm poses an unnecessary risk to		of mitigations will be triggered to reduce fatalities to minimal
	biodiversity. There is no certainty that mitigation will be		levels.
	effective, and we do not believe that the EMPr is		
	adequate to ensure that the predicted impacts on		
	threatened species will be mitigated.		

3. OTHER

5.1. General Comments

NO.	COMMENT	RAISED BY	RESPONSE
1.	After receiving the reminder e-mail that the review and	Adv Abrie Meiring	The information regarding the request to received
	comment period on the draft Amendment Motivation	RI&AP	communication and documentation per registered
	Report is nearing its end, Savannah Environmental was		mail has not been forwarded from the EAP who
	informed that as a RI&AP he requested that all	Telephone: 11 Dec	undertook the EA process for the project.
	communication be sent to him by registered mail	2018	
			In was agreed with Adv Meiring that the draft
			Amendment Motivation Report will be courier to
			him. The Report was courier on the 20th of
			December 2018 and received by Adv Meiring at his
			place of retreat in Betty's Bay on the 21st of
			December 2018.
			Proof of Delivery included in Appendix I.

NO.	COMMENT	RAISED BY	RESPONSE
2.	In response to Savannah Environmental's e-mail	Samantha Ralston-	The matter was researched and found that the e-
	reminder for comments on the draft Motivation Report	Paton,	mail notification of the availability of the draft
	dated 11 Dec 2018, Savannah Environmental's attention	Birds and Renewable	Amendment Motivation Report was sent to all
	was drawn to the fact that BirdLife SA did not receive the	Energy Manager	RI&APs on the project database.
	notification informing them of the of availability of the	BirdLife SA	
	report for review and comment.		BirdLife SA was informed on 11 Dec 2018, per SMS,
		Telephone: 11 Dec	of the Release Code to download the report from
		2018	Savannah Environmental's website.
			Proof of SMS included in Appendix I.

5.2. Request for Registration as I&AP

NO.	COMMENT	RAISED BY	RESPONSE
1.	I would hereby wish to register as an I&AP for this	Nicole Abrahams	Nicole Abrahams has been included accordingly in
	particular project.	Environmental	the I&AP database for the project. Please refer to
		Coordinator: Western	Appendix 12 in the revised amendment motivation
		Region	report.
		SANRAL	
		Letter: 11 Jan 2019	