



ARCUS

VOLUME II

**PROPOSED PAULPUTS WIND ENERGY FACILITY AND
GRID CONNECTION, NORTHERN CAPE PROVINCE**

PUBLIC PARTICIPATION REPORT

On behalf of

PAULPUTS WIND ENERGY FACILITY (RF) PTY LTD

AUGUST 2019

DEA Reference No.: 14/12/16/3/3/2/1120



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1 INTRODUCTION

Paulputs Wind Energy Facility (RF) (Pty) Ltd are applying for environmental authorisation to construct the Paulputs 300 MW Wind Energy Facility (WEF) and its associated infrastructure, including a 132 kV Grid Connection (the proposed development). Arcus Consultancy Services South Africa (Pty) Ltd ('Arcus') has been appointed by Paulputs Wind Energy Facility (RF) (Pty) Ltd to act as the independent environmental impact assessment practitioner (EAP) to undertake the environmental impact assessment (EIA) process for Environmental Authorisation under Chapter 5 of the National Environmental Management Act, 1998 (Act 107 of 1998 - NEMA) and the NEMA EIA Regulation, 2014 as amended, for the proposed development. An application for environmental authorisation has been submitted with DEA Reference No. 14/12/16/3/3/2/1120.

The proposed development is located approximately 50 km (centre point of the site) northeast of Pofadder and approximately 80 km northwest of Kakamas in the Northern Cape Province. The proposed development is situated in two district municipalities, the Namakwa District Municipality and the ZF Mgcawu District Municipality, and within the Khâ-Ma Local Municipality and the Kai !Garib Local Municipality.

The proposed development aims to generate and distribute electricity from renewable wind energy resource into the national grid by connecting the onsite switching station(s) with 132 kV overhead powerlines to the existing Eskom Paulputs Substation or the existing 132 kV overhead powerline. Three overhead powerline route options are proposed from three onsite switching station Options A,B and C to the existing Eskom Paulputs Substation or the existing 132 kV overhead powerline. Overhead powerline Options A and B are approximately 19.6 km in length, while overhead powerline Option C is approximately 12.5 km. Internal reticulation between onsite substation Option A and Option C is approximately 6.5 km of overhead powerlines, assessed as a 300 m wide corridor by the specialists. The applicant is seeking approval for all three powerline options and all three substation options.

2 THE PUBLIC PARTICIPATION PROCESS

The primary aims of the public participation process are:

- To inform Interested and Affected Parties (I&APs) of the proposed development;
- To identify issues, comments and concerns as raised by I&APs;
- To promote transparency and an understanding of the project and its potential consequences;
- To facilitate open dialogue and liaise with all I&APs;
- To assist in identifying potential environmental (biophysical and socio-economic) impacts associated with the proposed development; and
- To ensure that all I&AP issues and comments are accurately recorded, addressed and documented in a Comments & Response Report.

This Public Participation Report has been compiled as Volume II to the Environmental Impact Assessment Report that has been prepared in support of the above application for Environmental Authorisation. This report has been updated to include all comments received during the application process (initial phase, scoping phase and EIA phase.)

3 METHODOLOGY

The Public Participation Process follows the requirements of Regulation 41, 42, 43, and 44 of GN R. 326 of the NEMA EIA Regulations, as amended.

3.1 Initial Notification

An I&AP database (Appendix 1) was compiled consisting of project landowners, surrounding landowners within 5 km, and relevant stakeholders of the Proposed Development Site boundary, identified organs of state and organisations.

This database will be updated throughout the duration of the environmental impact assessment process and anyone with an interest in the proposed development is encouraged to register.

Site notice boards in English and Afrikaans were placed on the 15 January 2019 on the fence along the national road and on fences of properties that the grid infrastructure will cross (Appendix 2).

Notification posters in English and Afrikaans, encouraging I&APs to register on the database were placed on notice boards in Pofadder at the Khai-Ma Local Municipality, Pofadder Library, SAPS Pofadder and the Pofadder Clinic on 15 January 2019. Posters were also placed in Kakamas at the Kakamas Library, SAPS Kakamas and Yanuck Café. Photographs presented in Appendix 2.

Newspaper Advertisements were placed in the local Gemsbok newspaper and provincial Die Burger newspaper (in English and Afrikaans) on the 16 January 2019 (Appendix 3).

Initial notification letters (email and registered mail in English and Afrikaans) were sent to I&APs on the database on the 16 January 2019, informing them of the intention of the applicant to apply for Environmental Authorisations for the proposed development (Appendix 4). This included a locality map, brief proposed development plan and project description. Details of how to submit comments and queries were also included.

3.2 Scoping Phase Public Participation

- Notification letters, emails, SMS notifications and registered mail were sent out to registered I&APs, key stakeholders, and organs of state to inform them of the availability of the Draft Scoping Report for their review for a period of 30 days;
- Notification letters, emails, SMS notifications and registered mail were sent out to registered I&APs, key stakeholders, and organs of state to inform them of the submission of the Final Scoping Report to DEA;
- The letters and emails included details on where to access the scoping report (electronic and hardcopy) as well as how to submit inputs and comments for consideration in the S&EIA processes;
- This Public Participation Report was updated accordingly, recording comments and/or queries received and recording the responses provided.

3.3 EIA Phase Public Participation

- The EIA (including the EMPr) has been compiled in line with the NEMA EIA Regulations 2014, as amended and the accepted Plan of Study for EIA during Scoping Phase.
- Notification letters were sent out to registered I&APs, key stakeholders, and organs of state to inform them of:
 - The availability of the EIA Report for their review and comment for a period of 30 days.
- Notification will be sent to all registered I&APs informing them of the submission of Final EIA Report to the competent authority for their decision making.
- The letters and emails also included details on where to access the EIA report (electronic and hardcopy) as well as how to submit inputs and comments for consideration in the processes;

- This Public Participation Report has been updated to include comments and/or queries received during the EIA phase and providing the responses; and
- A public and or focus group meeting was to be held if required. Due to the nature and number of comments received during the EIA phase, it was decided that it was not necessary to hold a public meeting or focus group meeting for the proposed development.

3.4 Decision and Appeal

- Notification letters will be sent to all registered I&APs, key stakeholders, and organs of state to inform them of the decision by the DEA and the appeal procedure; and
- Placement of advertisements in the same local and regional newspapers (in English and Afrikaans) to inform I&APs of the decision taken by the DEA.

4 COMMENTS AND RESPONSES TRAIL

This comments and responses table has been updated throughout the duration of the environmental impact assessment process. This table has comments collated by thread not date as per DEA Pre-application Meeting (06 November 2018) requirement.

Table 1: Comments and Responses Table

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
1	Flores van der Colff Landowner	15 January 2019 Email	Initial Phase	From: Flores van der Colff [mailto:plaas.stilte@gmail.com] Sent: Tuesday, January 15, 2019 14:38 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: Regestrasië as belanghebbende. FJ vd Colff epos. plaas. stilte@gmail.com Selfoon 0832352829	From: PaulPuts Sent: Thursday, January 17, 2019 12:18 To: Flores van der Colff <plaas.stilte@gmail.com> Subject: RE: Regestrasië as belanghebbende. FJ vd Colff epos. plaas. stilte@gmail.com Selfoon 0832352829 Dear Flores Thank you for your request to be registered as part of public participation. Your contact details has been added to the I&AP database. Regards Aneesah Alwie
2	Natasha Higgitt South African Heritage Resources Information System (SAHRIS)	17 January 2019 Email	Initial Phase	From: Natasha Higgitt [mailto:nhiggitt@sahra.org.za] Sent: Thursday, January 17, 2019 8:07 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: RE: Initial Notification for the Proposed Paulputs Wind Energy Facility Good morning, Thank you for notifying SAHRA of the proposed development. Please note that all development applications are processed via our online portal, the South African Heritage Resources Information System (SAHRIS) found at the following link: http://sahra.org.za/sahris/ . We do not accept emailed, posted, hardcopy, faxed, website links or DropBox links as official submissions. Please create an application on SAHRIS and upload all documents pertaining to the Environmental Authorisation Application Process. As per section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA), an assessment of heritage resources must form part of the process and the	From: PaulPuts Sent: Thursday, January 17, 2019 12:29 To: Natasha Higgitt <nhiggitt@sahra.org.za> Subject: RE: Initial Notification for the Proposed Paulputs Wind Energy Facility Good Day Natasha Thank you for your email. Information provided in the email will be applied as required throughout the Environmental Authorisation Application Process. Regards Aneesah Alwie

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>assessment must comply with section 38(3) of the NHRA.</p> <p>Once all documents including all appendices are uploaded to the case application, please ensure that the status of the case is changed from DRAFT to SUBMITTED. Please ensure that all documents produced as part of the EA process are submitted as part of the application, and are submitted to SAHRA at the beginning of the Public Review periods. Once all these documents have been uploaded, I will be able to issue an informed comment as per section 38(4) and 38(8) of the NHRA.</p> <p>Kind regards,</p>	
-	<p>Natasha Higgitt</p> <p>Heritage Officer South African Heritage Resources Agency</p>	<p>20 March 2019</p> <p>SAHRA website</p>	<p>Draft Scoping Phase</p>	<p>Enquiries: Natasha Higgitt Tel: 021 462 4502 Email: nhiggitt@sahra.org.za CaseID: 13356</p> <p style="text-align: center;">Interim Comment</p> <p style="text-align: center;">In terms of Section 38(3), 38(8) of the National Heritage Resources Act (Act 25 of 1999)</p> <p><u>Attention:</u> Mr Alan Wolfromm WKN Windcurrent SA (Pty) Ltd</p> <p>The Proposed Paulputs Wind Energy Facility and associated electrical grid connection Northern Cape Province</p> <p>Arcus Consultancy Services South Africa (Pty) Ltd has been appointed by Paulputs Wind Energy Facility (WEF) (RF) Pty Ltd to undertake an Environmental Authorisation (EA) Application for the proposed Paulputs Wind Energy Facility and Associated Grid Connection, Northern Cape Province.</p> <p>A draft Scoping Report has been submitted in terms of the National Environmental Management Act, No 107 of 1998 (NEMA), NEMA Environmental Impact Assessment (EIA) Regulations. The proposed development will</p>	<p>The EAP acknowledges comment received from the South African Heritage Resource Authority (SAHRA) and confirms that the project description and summary of findings provided by SAHRA are largely accurate except the statement <i>'...whereas existing electrical infrastructure is located some distance from the N14 and are not as visible'</i>.</p> <p>An existing transmission line follows the N14 to the southeast and passes through the site. Extract from Heritage Scoping Report confirming this is provided below: <i>'The study area is bisected by the N14 highway that links Pofadder in the west and Kakamas in the east. The study area is in a rural context with minimal historical development. Farms are very large and lack infrastructure with houses being widely spaced. The area is used primarily for small stock grazing, but several renewable energy facilities – all solar energy facilities – have recently been constructed in the area. They are all located to the northwest of the present study area around the Paulputs Substation which lies 17 km northeast of the centre of the present study area. As a result of these facilities, there are also several power lines traversing the broader area. One of these runs</i></p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>include a 30MW WEF consisting of 85 wind turbines with grid infrastructure alternative routes between 16.1 km and 17.3 km long with approximately 24.4 km of associated service roads to the existing Paulputs substation and three site options for the on-site substation. Associated activities and infrastructure include a laydown area, operation and maintenance buildings, approximately 50 km of internal access roads.</p> <p>ASHA Consulting (Pty) Ltd and Natura Viva cc were appointed to provide the heritage specialist component as part of the EA in terms of section 24(4)b(iii) of the NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).</p> <p><i>Orton, J. 2019. Heritage Impact Assessment: Proposed Paulputs Wind Energy Facility and Associated Grid Connection near Pofadder, Kenhardt Magisterial District, Northern Cape</i></p> <p>It is noted that a desktop Palaeontological Impact Assessment (PIA) will be included in the EIA report.</p> <p>Surface scatters of Stone Age artefacts including pottery and ostrich eggshell fragments were noted around some of the dolerite hills and pans, small stone-walled structures, quarried quartz outcrops, bedrock outcrops with natural water reservoirs and grinding patches were noted within the development application area. Some identified Stone Age lithics include the distal section of a bifacial point and a large quartzite adze.</p> <p>Three farm complexes occur within the development application but will not be impacted by the propose development footprint. The cultural landscape is mostly a natural landscape with minimal human intervention or cultural significance. The N14 freeway bisects the</p>	<p><i>through the study area along the south-eastern side of the N14. This electrical infrastructure has resulted in a significant change to the character of the local landscape.'</i></p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>proposed development, and while not a designated tourism route, it is used by tourist travelling to Springbok during the flower season and to Augrabies National Park. The proposed development would be visible to passing road users, whereas existing electrical infrastructure is located some distance from the N14 and are not as visible.</p> <p>Recommendations provided in the report include the following:</p> <ul style="list-style-type: none"> • The final authorised layout for the WEF, all internal roads and any other areas to be disturbed must be surveyed by an archaeologist prior to construction in order to identify any remaining potential impacts that may need mitigation; • The final authorised layout for the power line, substation and any other areas to be disturbed must be surveyed by an archaeologist prior to construction in order to identify any remaining potential impacts that may need mitigation; • The distance between the turbines and the N14 should be maximised; <p>If any archaeological material or human burials are uncovered during the course of development, then work in the immediate area should be halted. The find would need to be reported to the heritage authorities and may require inspection by an archaeologist. Such heritage is the property of the state and may require excavation and curation in an approved institution.</p>	
				<p>Interim Comment The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit awaits the outstanding PIA report before further comments are issued. The draft EIA and appendices must be submitted at the beginning of the Public Review period in order for an informed comment to be issued.</p>	<p>EAP will submit the Draft EIA Report and specialist studies including the Palaeontological Impact Assessment (PIA) on SAHRIS at the start of the Public Review period.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>SAHRA would like to note at this time that to remain consistent throughout the Northern Cape, a minimum of 3 km buffer is required between any turbine placement and a National Road. The EAP must consider this during the EIA phase of the EA application process. See SAHRIS Case ID 473 official comments for more information https://sahris.sahra.org.za/cases/roggeveld-wind-farm). The EAP may motivate for a reduction in this buffer as shown SAHRIS Case ID 8383 https://sahris.sahra.org.za/cases/gunstfontein-wef).</p> <p>Yours faithfully</p> <p>Natasha Higgitt Heritage Officer South African Heritage Resources Agency</p> <p>Phillip Hine Acting Manager: Archaeology, Palaeontology and Meteorites Unit South African Heritage Resources Agency</p> <p>ADMIN: Direct URL to case: http://www.sahra.org.za/node/519935 (DEA, Ref:)</p>	<p>In the FSR a turbine buffer of 500 m has been applied to the N14 as per Visual and Heritage specialist recommendations. Motivation for relaxation of the 3 km N14 turbine buffer will be provided during the EIA phase in correspondence with SAHRA.</p> <p>Further EAP Response: Motivation Letter was sent to SAHRA 07 May 2019 - see below email correspondence (Motivation Letter provided in Volume II Appendix 6). SAHRA provided Interim Comment accepting the motivation for a relaxation of the N14 no turbine buffer from 3 km to 500 m on 30 May 2019 (see below email correspondence and Interim Comment). EAP acknowledges signature and case URL.</p>
-	<p>Natasha Higgitt</p> <p>Heritage Officer South African Heritage Resources Agency</p>	<p>3 April 2019</p> <p>Email</p>	<p>Final Scoping Phase</p>	<p>From: Natasha Higgitt [mailto:nhiggitt@sahra.org.za] Sent: Wednesday, April 3, 2019 9:27 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: RE: Notification of Submission of Final Scoping Report for the Proposed Paulputs WEF Northern Cape</p> <p>Good morning,</p> <p>Thank you for the notification. Please upload the document to the relevant SAHRIS Case application and</p>	<p>From: PaulPuts Sent: Thursday, April 4, 2019 14:33 To: 'Natasha Higgitt' <nhiggitt@sahra.org.za> Subject: RE: Notification of Submission of Final Scoping Report for the Proposed Paulputs WEF Northern Cape Good Day Natasha</p> <p>The relevant documents has been uploaded to SAHRIS and status changed to 'submitted'. Case ID Number: 13556. Thank You. Kind Regards</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				change the status of the case to SUBMITTED. Please inform me when this is completed and reference the SAHRIS Case ID number. Kind regards,	Aneesah Alwie Office Administrator, South Africa
-	Paulputs Arcus Consultancy Services SA	7 May 2019 Email	Final Scoping Phase	<p>From: PaulPuts <paulputs@arcusconsulting.co.za> Sent: Tuesday, May 07, 2019 12:55 PM To: Natasha Higgitt <nhiggitt@sahra.org.za> Cc: Ashlin Bodasing <AshlinB@arcusconsulting.co.za>; David Wolfrohm <wolfrohm@wkn-windcurrent.com>; Jasper Dick <jasper@wkn-windcurrent.com>; Tracy Hutcheon <tracy@wkn-windcurrent.com> Subject: SAHRA Case Number 13356 - Proposed Paulputs WEF and Grid Connection - N14 Buffer Requirement Motivation Letter</p> <p>Dear Natasha Please find attached the Motivation Letter for a reduction in the SAHRA N14 buffer requirement from 3 km to 500 m. Please don't hesitate to contact us if you have any queries. Also please let us know if you would like to meet to discuss this aspect further and / or conduct a site visit. Thank you</p> <p><i>(Attachment included in Volume II Appendix 6)</i></p>	<p>From: Natasha Higgitt [mailto:nhiggitt@sahra.org.za] Sent: Tuesday, May 7, 2019 13:03 To: PaulPuts <paulputs@arcusconsulting.co.za> Cc: Ashlin Bodasing <AshlinB@arcusconsulting.co.za>; David Wolfrohm <wolfrohm@wkn-windcurrent.com>; Jasper Dick <jasper@wkn-windcurrent.com>; Tracy Hutcheon <tracy@wkn-windcurrent.com> Subject: RE: SAHRA Case Number 13356 - Proposed Paulputs WEF and Grid Connection - N14 Buffer Requirement Motivation Letter</p> <p>Good afternoon, Thank you for the letter. Please upload the document to the additional documents section of the SAHRIS application. Once completed, please change the status of the case to SUBMITTED and inform me so that I may process the application. Kind regards,</p>
				<p>From: PaulPuts Sent: Tuesday, May 7, 2019 13:24 To: Natasha Higgitt <nhiggitt@sahra.org.za>; PaulPuts <paulputs@arcusconsulting.co.za> Cc: Ashlin Bodasing <AshlinB@arcusconsulting.co.za>; David Wolfrohm <wolfrohm@wkn-windcurrent.com>; Jasper Dick <jasper@wkn-windcurrent.com>; Tracy Hutcheon <tracy@wkn-windcurrent.com> Subject: RE: SAHRA Case Number 13356 - Proposed Paulputs WEF and Grid Connection - N14 Buffer Requirement Motivation Letter</p>	<p>From: Ryan David-Andersen <RyanDA@arcusconsulting.co.za> Sent: Wednesday, May 29, 2019 5:42 PM To: Phillip Hine <phine@sahra.org.za>; Natasha Higgitt <nhiggitt@sahra.org.za> Subject: Paulputs WEF N14 Buffer (CaseID: 13356)</p> <p>Dear Natasha and Philip</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>Dear Natasha Motivation Letter uploaded to SAHRIS additional documents and status of the case changed to SUBMITTED. Thank you</p>	<p>As discussed please may you provide feedback on our Motivation Letter dated 07 May 2019 in response to SAHRA's Interim Comment dated 20 March 2019.</p> <p>We are presently preparing the updated site layout to provide to specialists for assessment during the EIA phase, and SAHRA's N14 buffer requirement will influence the site layout update. Thank you Ryan David-Andersen</p>
-	<p>Natasha Higgitt</p> <p>Heritage Officer South African Heritage Resources Agency</p>	<p>30 May 2019</p> <p>Email</p>	<p>Final Scoping Phase</p>	<p>From: Natasha Higgitt [mailto:nhiggitt@sahra.org.za] Sent: Thursday, May 30, 2019 15:40 To: Ryan David-Andersen <RyanDA@arcusconsulting.co.za> Cc: Phillip Hine <phine@sahra.org.za> Subject: RE: Paulputs WEF N14 Buffer (CaseID: 13356)</p> <p>Good afternoon,</p> <p>Please note that an Interim Comment has been issued on SAHRIS Case ID 13356. Please see link to the case: https://sahris.sahra.org.za/cases/paulputs-wind-energy-facility-northern-cape-province Kind regards,</p>	<p>From: Ryan David-Andersen Sent: Thursday, May 30, 2019 15:59 To: Natasha Higgitt <nhiggitt@sahra.org.za> Cc: Phillip Hine <phine@sahra.org.za> Subject: RE: Paulputs WEF N14 Buffer (CaseID: 13356)</p> <p>Dear Natasha</p> <p>Thank you very much for your timeous response and provision of Interim Comment.</p> <p>Much appreciated</p>
	<p>Interim comment as downloaded from https://sahris.sahra.org.za/cases/paulputs-wind-energy-facility-northern-cape-province</p>			<p>Enquiries: Natasha Higgitt Tel: 021 462 4502 Email: nhiggitt@sahra.org.za CaseID: 13356</p> <p>Interim Comment In terms of Section 38(3), 38(8) of the National Heritage Resources Act (Act 25 of 1999) <u>Attention:</u> Mr Alan Wolfromm WKN Windcurrent SA (Pty) Ltd</p>	<p>The EAP acknowledges SAHRA Interim Comment stating that SAHRA accepts the motivation provided '...to reduce the buffer between the closest wind turbine and the N14 to 500 m.'</p> <p>A no-turbine 500 m buffer of the N14 has been implemented in the updated site layout. The 500 m N14 buffer is visible in Figure 12.1 Environmental Sensitivity Map.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>The Proposed Paulputs Wind Energy Facility and associated electrical grid connection Northern Cape Province</p> <p>Arcus Consultancy Services South Africa (Pty) Ltd has been appointed by Paulputs Wind Energy Facility (WEF) (RF) Pty Ltd to undertake an Environmental Authorisation (EA) Application for the proposed Paulputs Wind Energy Facility and Associated Grid Connection, Northern Cape Province.</p> <p>A draft Scoping Report has been submitted in terms of the National Environmental Management Act, No 107 of 1998 (NEMA), NEMA Environmental Impact Assessment (EIA) Regulations. The proposed development will include a 30MW WEF consisting of 85 wind turbines with grid infrastructure alternative routes between 16.1 km and 17.3 km long with approximately 24.4 km of associated service roads to the existing Paulputs substation and three site options for the on-site substation. Associated activities and infrastructure include a laydown area, operation and maintenance buildings, approximately 50 km of internal access roads. ASHA Consulting (Pty) Ltd and Natura Viva cc were appointed to provide the heritage specialist component as part of the EA in terms of section 24(4)b(iii) of the NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).</p> <p><i>Orton, J. 2019. Heritage Impact Assessment: Proposed Paulputs Wind Energy Facility and Associated Grid Connection near Pofadder, Kenhardt Magisterial District, Northern Cape</i></p> <p>It is noted that a desktop Palaeontological Impact Assessment (PIA) will be included in the EIA report. Surface scatters of Stone Age artefacts including pottery and ostrich eggshell fragments were noted around some of the dolerite hills and pans, small stone-walled</p>	

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>structures, quarried quartz outcrops, bedrock outcrops with natural water reservoirs and grinding patches were noted within the development application area. Some identified Stone Age lithics include the distal section of a bifacial point and a large quartzite adze.</p> <p>Three farm complexes occur within the development application but will not be impacted by the propose development footprint. The cultural landscape is mostly a natural landscape with minimal human intervention or cultural significance. The N14 freeway bisects the proposed development, and while not a designated tourism route, it is used by tourist travelling to Springbok during the flower season and to Augrabies National Park. The proposed development would be visible to passing road users, whereas existing electrical infrastructure is located some distance from the N14 and are not as visible.</p> <p>Recommendations provided in the report include the following:</p> <ul style="list-style-type: none"> • The final authorised layout for the WEF, all internal roads and any other areas to be disturbed must be surveyed by an archaeologist prior to construction in order to identify any remaining potential impacts that may need mitigation; • The final authorised layout for the power line, substation and any other areas to be disturbed must be surveyed by an archaeologist prior to construction in order to identify any remaining potential impacts that may need mitigation; • The distance between the turbines and the N14 should be maximised; • If any archaeological material or human burials are uncovered during the course of development, then work in the immediate area should be halted. The find would need to be reported to the heritage authorities and may require inspection by an archaeologist. Such heritage is the property of the 	

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>state and may require excavation and curation in an approved institution.</p> <p>In an Interim Comment issued on 20/03/2019, SAHRA noted the pending PIA report and requested that the draft EIA and appendices must be submitted at the beginning of the Public Review period in order for an informed comment to be issued.</p> <p>SAHRA also noted, that to remain consistent throughout the Northern Cape, a minimum of 3 km buffer is required between any turbine placement and a National Road. The EAP must consider this during the EIA phase of the EA application process. See SAHRIS Case ID 473 official comments for more information (https://sahris.sahra.org.za/cases/roggeveld-wind-farm). The EAP may motivate for a reduction in this buffer as shown SAHRIS Case ID 8383 (https://sahris.sahra.org.za/cases/gunstfontein-wef).</p> <p>Since the issuing of the Interim Comment, a letter motivating the reduction of the 3 km buffer to 500 m has been submitted to the case. The letter notes that the 3 km buffer would render the proposed development unfeasible. Further motivation includes that the landscape has been previously impacted by several overhead powerlines.</p> <p>Interim Comment</p> <p>The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit accepts the above motivation to reduce the buffer between the closest wind turbine and the N14 to 500 m.</p> <p>SAHRA awaits the pending PIA and draft EIA with appendices before further comments are issued. Should you have any further queries, please contact the designated official using the case number quoted above in the case header.</p> <p>Yours faithfully</p>	

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>Natasha Higgitt Heritage Officer South African Heritage Resources Agency</p> <p>Phillip Hine Acting Manager: Archaeology, Palaeontology and Meteorites Unit South African Heritage Resources Agency</p> <p>ADMIN: Direct URL to case: http://www.sahra.org.za/node/519935 (DEA, Ref:)</p>	
-	<p>Natasha Higgitt</p> <p>Heritage Officer South African Heritage Resources Agency</p>	<p>5 August 2019</p> <p>Email</p>	<p>Draft EIA Phase</p>	<p>From: sahrisadmin@sahra.org.za [mailto:sahrisadmin@sahra.org.za] Sent: Monday, 05 August 2019 11:40 To: Ashlin Bodasing <AshlinB@arcusconsulting.co.za> Subject: New private message from SAHRIS: SAHRIS Case ID 13356</p> <p>Hi Arcus.Consulting, This is an automatic reminder from the site SAHRA. You have received a new private message from natasha.higgitt. To read your message on SAHRIS, First LOGIN TO SAHRIS then, follow this link: https://sahris.sahra.org.za/messages/view/24055 Alternatively, login to SAHRIS and navigate to www.sahra.org.za/messages The body of your message reads: **** Good morning, I have noted the submission of the draft EIA, however the requested PIA is still outstanding. I will change the status of the case to DRAFT. Once the outstanding report is submitted, please change the status of the case to SUBMITTED. Kind regards, Natasha Higgitt</p>	<p>From: Aneesah Alwie Sent: Monday, August 5, 2019 12:22 To: nhiggitt@sahra.org.za Cc: 'Ashlin Bodasing' <AshlinB@arcusconsulting.co.za>; Ryan David-Andersen <RyanDA@arcusconsulting.co.za> Subject: RE: New private message from SAHRIS: SAHRIS Case ID 13356</p> <p>Good Day Natasha</p> <p>The Case ID 13356 status has been changed to SUBMITTED. Please note that the PIA has been uploaded as an appendices to the HIA.</p> <p>Thank You.</p> <p>Kind Regards Aneesah Alwie</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
-	Natasha Higgitt Heritage Officer South African Heritage Resources Agency	16 August 2019 Email	Draft EIA Phase	<p>From: sahrisadmin@sahra.org.za [mailto:sahrisadmin@sahra.org.za] Sent: Friday, 16 August 2019 13:27 To: Ashlin Bodasing <AshlinB@arcusconsulting.co.za> Subject: New private message from SAHRIS: SAHRIS Case ID 13356</p> <p>Hi Arcus.Consulting, This is an automatic reminder from the site SAHRA. You have received a new private message from natasha.higgitt. To read your message on SAHRIS, First LOGIN TO SAHRIS then, follow this link: https://sahris.sahra.org.za/messages/view/24135 Alternatively, login to SAHRIS and navigate to www.sahra.org.za/messages The body of your message reads: **** Good afternoon, Please note that a Final Comment has been issued on SAHRIS Case ID 13356. Please see the link to the case. Kind regards, Natasha Higgitt</p>	
	Final comment as downloaded from https://sahris.sahra.org.za/cases/paulputs-wind-energy-facility-northern-cape-province			<p>Enquiries: Natasha Higgitt Date: Friday August 16, 2019 Tel: 021 462 4502 Email: nhiggitt@sahra.org.za CaseID: 13356</p> <p style="text-align: center;">Final Comment In terms of Section 38(4), 38(8) of the National Heritage Resources Act (Act 25 of 1999) <u>Attention:</u> Mr Alan Wolfromm WKN Windcurrent SA (Pty) Ltd</p> <p>The Proposed Paulputs Wind Energy Facility and associated electrical grid connection Northern Cape Province</p>	The EAP acknowledges Final Comment received from SAHRA.

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>Arcus Consultancy Services South Africa (Pty) Ltd has been appointed by Paulputs Wind Energy Facility (WEF) (RF) Pty Ltd to undertake an Environmental Authorisation (EA) Application for the proposed Paulputs Wind Energy Facility and Associated Grid Connection, Northern Cape Province.</p> <p>A draft Scoping Report has been submitted in terms of the National Environmental Management Act, No 107 of 1998 (NEMA), NEMA Environmental Impact Assessment (EIA) Regulations. The proposed development will include a 30MW WEF consisting of 85 wind turbines with grid infrastructure alternative routes between 16.1 km and 17.3 km long with approximately 24.4 km of associated service roads to the existing Paulputs substation and three site options for the on-site substation. Associated activities and infrastructure include a laydown area, operation and maintenance buildings, approximately 50 km of internal access roads.</p> <p>ASHA Consulting (Pty) Ltd and Natura Viva cc were appointed to provide the heritage specialist component as part of the EA in terms of section 24(4)b(iii) of the NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).</p> <p><i>Orton, J. 2019. Heritage Impact Assessment: Proposed Paulputs Wind Energy Facility and Associated Grid Connection near Pofadder, Kenhardt Magisterial District, Northern Cape</i></p> <p>It is noted that a desktop Palaeontological Impact Assessment (PIA) will be included in the EIA report. Surface scatters of Stone Age artefacts including pottery and ostrich eggshell fragments were noted around some of the dolerite hills and pans, small stone-walled structures, quarried quartz outcrops, bedrock outcrops with natural water reservoirs and grinding patches were noted within the development application</p>	

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>area. Some identified Stone Age lithics include the distal section of a bifacial point and a large quartzite adze.</p> <p>Three farm complexes occur within the development application but will not be impacted by the propose development footprint. The cultural landscape is mostly a natural landscape with minimal human intervention or cultural significance. The N14 freeway bisects the proposed development, and while not a designated tourism route, it is used by tourist travelling to Springbok during the flower season and to Augrabies National Park. The proposed development would be visible to passing road users, whereas existing electrical infrastructure is located some distance from the N14 and are not as visible.</p> <p>Recommendations provided in the report include the following:</p> <ul style="list-style-type: none"> • The final authorised layout for the WEF, all internal roads and any other areas to be disturbed must be surveyed by an archaeologist prior to construction in order to identify any remaining potential impacts that may need mitigation; • The final authorised layout for the power line, substation and any other areas to be disturbed must be surveyed by an archaeologist prior to construction in order to identify any remaining potential impacts that may need mitigation; • The distance between the turbines and the N14 should be maximised; • If any archaeological material or human burials are uncovered during the course of development, then work in the immediate area should be halted. The find would need to be reported to the heritage authorities and may require inspection by an archaeologist. Such heritage is the property of the state and may require excavation and curation in an approved institution. 	

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>In an Interim Comment issued on 20/03/2019, SAHRA noted the pending PIA report and requested that the draft EIA and appendices must be submitted at the beginning of the Public Review period in order for an informed comment to be issued.</p> <p>SAHRA also noted, that to remain consistent throughout the Northern Cape, a minimum of 3 km buffer is required between any turbine placement and a National Road. The EAP must consider this during the EIA phase of the EA application process. See SAHRIS Case ID 473 official comments for more information (https://sahris.sahra.org.za/cases/roggeveld-wind-farm). The EAP may motivate for a reduction in this buffer as shown SAHRIS Case ID 8383 (https://sahris.sahra.org.za/cases/gunstfontein-wef).</p> <p>Since the issuing of the Interim Comment, a letter motivating the reduction of the 3 km buffer to 500 m has been submitted to the case. The letter notes that the 3 km buffer would render the proposed development unfeasible. Further motivation includes that the landscape has been previously impacted by several overhead powerlines.</p> <p>In an Interim Comment issued on 30/05/2019, SAHRA accepted the motivation to reduce the buffer between the closest wind turbine and the N14 to 500 m. SAHRA noted the pending PIA and draft EIA with appendices.</p> <p><i>Almond, J. E. 2019. Palaeontological Heritage Assessment: Desktop Study for the proposed Paulputs Wind Energy Facility and Associated Grid Connection near Poffadder, Kenhardt Magisterial District, Northern Cape.</i></p>	

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>The proposed development is underlain by the Namaqua-Natal Province and the Karoo Dolerite Suite that do not contain fossils. These rocks are overlain by the Kalahari Group superficial deposits that may contain fossils such as bones, teeth, horn cores of mammals, remains of reptiles, ostrich egg, trace fossils, and plant fossils. There is no preference for the proposed grid connections or substation locations. Impact to palaeontological heritage is likely to be negligible. A Chance Fossil Finds Procedure is recommended.</p>	
				<p>Final Comment</p> <p>The following comments are made as a requirement in terms of section 3(4) of the NEMA Regulations and section 38(8) of the NHRA in the format provided in section 38(4) of the NHRA and must be included in the Final EIA and EMPr:</p> <ul style="list-style-type: none"> • 38(4)a – The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development; • 38(4)b – The recommendations provided by the heritage specialists are supported and must be adhered to. Specific conditions are provided for the development as follows; • A report detailing the results of the recommended walkdowns of the final layouts of the powerline and WEF must be compiled by a qualified archaeologist and submitted to SAHRA for comment once completed; • 38(4)c(i) – If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA APM Unit (Natasha Higgitt/Phillip Hine 021 462 5402) must be alerted as per section 35(3) of the NHRA. Non-compliance with section of the NHRA is an offense in 	<p>SAHRA requirements provided as Final Comment have been included in the Final EIA Report and EMPr. The Final EIA and EMPr have been submitted to SAHRA. SAHRA will be notified of the decision on the EA Application and the decision will be uploaded to the SAHRIS case application.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>terms of section 51(1)e of the NHRA and item 5 of the Schedule;</p> <ul style="list-style-type: none"> • 38(4)c(ii) – If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Mimi Seetelo 012 320 8490), must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule; • 38(4)d – See section 51(1) of the NHRA; • 38(4)e – The following conditions apply with regards to the appointment of specialists: • If heritage resources are uncovered during the course of the development, a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the heritage resource. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA; • The Final EIA and EMPr must be submitted to SAHRA for record purposes; • The decision regarding the EA Application must be communicated to SAHRA and uploaded to the SAHRIS Case application. 	
				<p>Should you have any further queries, please contact the designated official using the case number quoted above in the case header.</p> <p>Yours faithfully <i>signed</i> Natasha Higgitt Heritage Officer South African Heritage Resources Agency <i>signed</i> Phillip Hine</p>	<p>The EAP acknowledges signatures and Terms & Conditions.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>Acting Manager: Archaeology, Palaeontology and Meteorites Unit South African Heritage Resources Agency</p> <p>ADMIN: Terms & Conditions:</p> <ol style="list-style-type: none"> 1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work. 2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately. 3. SAHRA reserves the right to request additional information as required. 	
3	<p>Lucelle van Niekerk</p> <p>AGRI NOORD-KAAP</p>	<p>17 January 2019</p> <p>Email</p>	Initial Phase	<p>From: Ontvangs [mailto:ontvangs@agrink.co.za] Sent: Thursday, January 17, 2019 8:26 Cc: Sutherland LU : Abra van Wyk <abra@roggeveld.co.za>; Oranjerivier LU : Louis Steyn <bestuurder@orlu.org.za> Subject: FW: Initial Notification for the Proposed Paulputs Wind Energy Facility</p> <p>Goeie dag Sien asseblief meegaande dokumentasie. Indien u enige verdere navrae het, kontak asb direk met persoon wat e-pos gestuur het. Vriendelike groete Lucelle van Niekerk ONTVANGS : AGRI NOORD-KAAP E-pos : ontvangs@agrink.co.za Tel : (053) 83 29595 Faks : (053) 83 27126</p>	<p>From: PaulPuts Sent: Thursday, January 17, 2019 12:38 To: Ontvangs <ontvangs@agrink.co.za> Cc: Sutherland LU : Abra van Wyk <abra@roggeveld.co.za>; Oranjerivier LU : Louis Steyn <bestuurder@orlu.org.za> Subject: RE: Initial Notification for the Proposed Paulputs Wind Energy Facility</p> <p>Good Day Thank you for forwarded the initial notification. The email addresses as CC'd into this email has been included as part of the I&AP database. Regards Aneesah Alwie</p>
4	<p>Dirkie Hopkins</p> <p>Landowner</p>	<p>17 January 2019</p> <p>Email</p>	Initial Phase	<p>From: Dirkie Hopkins [mailto:dirkiehopkins@easycoms.co.za] Sent: Thursday, January 17, 2019 8:29 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: 3073 Paulputs</p> <p>Goeie dag Aneesah Dankie vir jou epos.</p>	<p>From: PaulPuts Sent: Thursday, January 17, 2019 12:46 To: Dirkie Hopkins <dirkiehopkins@easycoms.co.za> Subject: RE: 3073 Paulputs</p> <p>Good Day Dirkie</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				Jy kan asb die naam van Ricus Brand, selno:0849210170 en eposadres: ricusbrand@gmail.com byvoeg op jou lys, as die bewoner op ons eiendom. Vriendelike groete Gerda Hopkins 0823401665 0285371950	Thank you for your email. Ricus Brand (occupier) has been added as an I&AP on the database and will receive correspondence going forth. Regards Aneesah Alwie
5	John Geeringh (Pr Sci Nat) ESKOM Senior Consultant Environmental Management Group Capital Division: Land Development and Management	17 January 2019 Email	Initial Phase	From: John Geeringh [mailto:GeerinJH@eskom.co.za] Sent: Thursday, January 17, 2019 9:16 To: PaulPuts <paulputs@arcusconsulting.co.za> Cc: Mpilo Masondo <MasondMM@eskom.co.za>; Pumza Jizana <JizanaP@eskom.co.za>; Martina Phiri <PhiriM@eskom.co.za> Subject: RE: Initial Notification for the Proposed Paulputs Wind Energy Facility Please find attached general Eskom requirements for works at or near Eskom servitudes and infrastructure. Please find attached also the Eskom setbacks guideline for renewable energy infrastructure in relation to Eskom infrastructure and servitudes. Please send me KMZ files of the affected properties, proposed grid connection routes and other activities planned on site. The Paulputs substation area is very congested and it will take careful planning between the developer, Eskom and other IPP developments in the area to ensure that accessibility to the substation for future expansion is not hampered. I have copied other Eskom colleagues in this response since they are busy with the future development of grid infrastructure at the Paulputs substation. I suggest that you set up a meeting with them and your developer to ensure all planning is properly coordinated. Kind regards John Geeringh (Pr Sci Nat) Senior Consultant Environmental Management Group Capital Division: Land Development and Management	From: PaulPuts Sent: Tuesday, January 22, 2019 12:00 To: John Geeringh <GeerinJH@eskom.co.za> Cc: Mpilo Masondo <MasondMM@eskom.co.za>; Pumza Jizana <JizanaP@eskom.co.za>; Martina Phiri <PhiriM@eskom.co.za> Subject: RE: Initial Notification for the Proposed Paulputs Wind Energy Facility Dear John and Colleagues Thank you for your email. Please find attached the KMZ File which reflects the site boundary and grid connection route. I have also sent your email, dated 17 January 2019 to the client for further correspondence. Kind Regards Aneesah Alwie Public Participation Assistant, South Africa

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>Megawatt Park, D1Y42, Maxwell Drive, Sunninghill, Sandton. P O Box 1091, Johannesburg, 2000. Tel: 011 516 7233 Cell: 083 632 7663 Fax: 086 661 4064 E-mail: john.geeringh@eskom.co.za</p> <p><i>(Attachment included in Volume II Appendix 6)</i></p>	
-	<p>John Geeringh (Pr Sci Nat)</p> <p>ESKOM</p> <p>Senior Consultant Environmental Management</p> <p>Group Capital Division: Land Development and Management</p>	<p>22 January 2019</p> <p>Email</p>	Initial Phase	<p>From: John Geeringh [mailto:GeerinJH@eskom.co.za] Sent: Tuesday, January 22, 2019 12:45 To: PaulPuts <paulputs@arcusconsulting.co.za> Cc: Mpilo Masondo <MasondMM@eskom.co.za>; Pumza Jizana <JizanaP@eskom.co.za>; Martina Phiri <PhiriM@eskom.co.za> Subject: RE: Initial Notification for the Proposed Paulputs Wind Energy Facility</p> <p>Eskom, in conjunction with the other IPP's around Paulputs substation is planning a collector substation just south-west of Paulputs substation. This is to prevent too many direct connections to Paulputs substation. I would suggest that you get in contact (via your developer) with the other IPP doing the solar development to the south of Paulputs as well as Abengoa. The new collector station will be on the farm Konkoonsies portion 6. Please note that the developer has to contact Eskom via the Grid Access Unit ASAP to ensure that your studies are focussed on the correct connection point at Paulputs.</p> <p>Regards John Geeringh (Pr Sci Nat) Senior Consultant Environmental Management Group Capital Division: Land Development and Management Megawatt Park, D1Y42, Maxwell Drive, Sunninghill, Sandton. P O Box 1091, Johannesburg, 2000. Tel: 011 516 7233</p>	<p>From: PaulPuts Sent: Wednesday, January 23, 2019 11:30 To: John Geeringh <GeerinJH@eskom.co.za> Cc: Mpilo Masondo <MasondMM@eskom.co.za>; Pumza Jizana <JizanaP@eskom.co.za>; Martina Phiri <PhiriM@eskom.co.za> Subject: RE: Initial Notification for the Proposed Paulputs Wind Energy Facility</p> <p>Good Day John Once again thank you for your email received 22 January 2019. The developer will be in contact with Eskom directly regarding. Kind Regards Aneesah Alwie Public Participation Assistant, South Africa</p> <p>Further EAP Response: Liaison with Eskom and existing IPPs was undertaken by the Applicant during production of the updated site layout including grid connection options for assessment during EIA phase. This correspondence is provided in Volume II Appendix 11.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				Cell: 083 632 7663 Fax: 086 661 4064 E-mail: john.geeringh@eskom.co.za	
6	Cobin Minnie Transnet Property Property Technician	17 January 2019 Email	Initial Phase	<p>From: Cobin Minnie *Transnet Property PLZ [mailto:Cobin.Minnie@transnet.net] Sent: Thursday, January 17, 2019 15:13 To: Danie Kotzee *Transnet Property CPT <Danie.Kotzee@transnet.net> Cc: Thandeka Nohoyeka Transnet Property PLZ <Thandeka.Nohoyeka@transnet.net>; Mark Moodaley *Transnet Property PLZ <Mark.Moodaley@transnet.net>; PaulPuts <paulputs@arcusconsulting.co.za> Subject: FW: Initial Notification for the Proposed Paulputs Wind Energy Facility</p> <p>Hi Danie, This application falls in your Region on the N14 near Pofadder (Aggeney?). Can you please check if the property is near any Transnet land that may be affected and inform applicant. Regards. Cobin Minnie Property Technician Transnet Property Geo-Spatial: Central Region +27 41 507 1324 +27 41 507 2884 cobin.minnie@transnet.net</p>	No further correspondence was received from Transnet at time of writing. Follow-ups with Transnet will be conducted during the Draft EIA Report PPP to confirm requirements (if any). The EAP and Applicant are however not aware of any Transnet property affected by the proposed development.
7	Ntanganedzeni Ramasunzi Department of Rural Development and Land Reform	21 January 2019 Email	Initial Phase	<p>From: Ntanganedzeni Ramasunzi [mailto:Ntanganedzeni.Ramasunzi@drdlr.gov.za] Sent: Monday, January 21, 2019 10:38 To: PaulPuts <paulputs@arcusconsulting.co.za> Cc: Zongezile Bango <zongezile.bango@drdlr.gov.za>; Magezi Mhlanga <magezi.mhlanga@drdlr.gov.za> Subject: Requirement of the location of the proposed project.</p> <p>Good day</p>	<p>From: PaulPuts Sent: Monday, January 21, 2019 16:50 To: Ntanganedzeni Ramasunzi <Ntanganedzeni.Ramasunzi@drdlr.gov.za> Cc: Zongezile Bango <zongezile.bango@drdlr.gov.za>; Magezi Mhlanga <magezi.mhlanga@drdlr.gov.za> Subject: RE: Requirement of the location of the proposed project.</p> <p>Good Day</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response																					
				As per our agreement that you will send the letter with exact location of the land, We are kindly reminding you that we are still waiting for letter in order to start with the project. Please find the attached letter and provide us with relevant information required. Kind regards Ntanga	<p>Thank you for your email received. Please find attached the KMZ of the Proposed Development Site Boundary for your attention. Furthermore, I have included the details of the landowners in the table below:</p> <table border="1"> <thead> <tr> <th>Farm name and Portion</th> <th>Municipality / Division / Province</th> <th>21 Digit Surveyor code</th> </tr> </thead> <tbody> <tr> <td>Scuitklip 92/2</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C036000000000 09200002</td> </tr> <tr> <td>Scuitklip 92/3</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C036000000000 09200003</td> </tr> <tr> <td>Scuitklip 92/5</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C036000000000 09200005</td> </tr> <tr> <td>Lucasvlei 93/1</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C036000000000 09300001</td> </tr> <tr> <td>Lucasvlei 93/2</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C036000000000 09300002</td> </tr> <tr> <td>Lucasvlei 93/4</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C036000000000 09300004</td> </tr> </tbody> </table> <p>Please contact me if you require any further information. Kind Regards Aneesah Alwie Public Participation Assistant, South Africa</p>	Farm name and Portion	Municipality / Division / Province	21 Digit Surveyor code	Scuitklip 92/2	Kenhardt DC, Kenhardt div, NC	C036000000000 09200002	Scuitklip 92/3	Kenhardt DC, Kenhardt div, NC	C036000000000 09200003	Scuitklip 92/5	Kenhardt DC, Kenhardt div, NC	C036000000000 09200005	Lucasvlei 93/1	Kenhardt DC, Kenhardt div, NC	C036000000000 09300001	Lucasvlei 93/2	Kenhardt DC, Kenhardt div, NC	C036000000000 09300002	Lucasvlei 93/4	Kenhardt DC, Kenhardt div, NC	C036000000000 09300004
Farm name and Portion	Municipality / Division / Province	21 Digit Surveyor code																								
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Lucasvlei 93/4	Kenhardt DC, Kenhardt div, NC	C036000000000 09300004																								
-	Ntanganedzeni Ramasunzi Department of Rural Development and Land Reform	8 April 2019	Final Scoping Phase	Ntanganedzeni Ramasunzi called requesting location of the proposed site, and details of the affected farm portions and their landowner details.	<p>From: Ryan David-Andersen Sent: Monday, April 8, 2019 12:02 To: Ntanganedzeni.Ramasunzi@drdlr.gov.za Subject: Location of the Proposed Paulputs WEF and Grid Connection</p> <p>Dear Ntanganedzeni The proposed Paulputs Wind Energy Facility (WEF) is located approximately 50 km (centre point of the site) northeast from Pofadder in the Northern Cape Province and approximately 80 km northwest of Kakamas. The proposed Paulputs WEF is situated in two (2) district municipalities, i.e. the Namakwa District Municipality and</p>																					

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
					<p>the ZF Mgcau District Municipality, and falls within the Khâi-Ma Local Municipality and the Kai !Garib Local Municipality. <u>Table 1 and 2</u>, and <u>Figure 5.1 Proposed Site Development Plan attached</u> provide details of the affected farm portions and their landowner details. WEF site landowners are indicated in Table 1 and Grid Connection landowners in Table 2 below. (<i>Attachment included in Volume II Appendix 6</i>)</p> <p>The <u>centrepoint coordinates</u> for the proposed Paulputs WEF site are: 28°57'09.65"S 19°43'49.33"E</p> <p>Please see below coordinates table for the proposed Paulputs WEF: (<i>Attachment included in Volume II Appendix 6</i>)</p> <p>Please see below coordinates table for the proposed Paulputs WEF Grid Connection (overhead powerline): (<i>Attachment included in Volume II Appendix 6</i>)</p> <p>Please may you confirm the above and provide any further information you may have on the location of the proposed development. For example are any Land Claims planned for the properties affected by the proposed Paulputs WEF and Grid Connection (Table 1 and 2 above)?</p> <p>Thank you Ryan David-Andersen Environmental Assessment Practitioner and Ecological Specialist</p>
8	<p>Itumeleng Mashune</p> <p>Department of Rural Development and Land Reform</p> <p>Deputy Director:</p>	<p>21 January 2019</p> <p>Email</p>	Initial Phase	<p>From: Itumeleng Mashune [mailto:Itumeleng.Mashune@drdlr.gov.za] Sent: Monday, January 21, 2019 12:25 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: Paulputs</p> <p>Good day Sir or Madam The attached matter refers. We hereby request that you indicate proper property description so that we maybe able to determine if we are needed/ relevant stakeholders to comment. Kind regards</p>	<p>From: PaulPuts Sent: Monday, January 21, 2019 16:51 To: Itumeleng Mashune <Itumeleng.Mashune@drdlr.gov.za> Subject: RE: Paulputs</p> <p>Good Day Thank you for your email received. Please find attached the KMZ of the Proposed Development Site Boundary for your attention.</p>

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	Tenure Systems Implementation PSSC: Northern Cape			Deputy Director: Tenure Systems Implementation PSSC: Northern Cape Tel: 053 830 4000 Cell: 0798760481	<p>Furthermore, I have included the details of the landowners in the table below:</p> <table border="1"> <thead> <tr> <th>Farm name and Portion</th> <th>Municipality / Division / Province</th> <th>21 Digit Surveyor code</th> </tr> </thead> <tbody> <tr> <td>Scuitklip 92/2</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C036000000000 09200002</td> </tr> <tr> <td>Scuitklip 92/3</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C036000000000 09200003</td> </tr> <tr> <td>Scuitklip 92/5</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C036000000000 09200005</td> </tr> <tr> <td>Lucasvlei 93/1</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C036000000000 09300001</td> </tr> <tr> <td>Lucasvlei 93/2</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C036000000000 09300002</td> </tr> <tr> <td>Lucasvlei 93/4</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C036000000000 09300004</td> </tr> </tbody> </table> <p>Please contact me if you require any further information. Kind Regards Aneesah Alwie Public Participation Assistant, South Africa</p>	Farm name and Portion	Municipality / Division / Province	21 Digit Surveyor code	Scuitklip 92/2	Kenhardt DC, Kenhardt div, NC	C036000000000 09200002	Scuitklip 92/3	Kenhardt DC, Kenhardt div, NC	C036000000000 09200003	Scuitklip 92/5	Kenhardt DC, Kenhardt div, NC	C036000000000 09200005	Lucasvlei 93/1	Kenhardt DC, Kenhardt div, NC	C036000000000 09300001	Lucasvlei 93/2	Kenhardt DC, Kenhardt div, NC	C036000000000 09300002	Lucasvlei 93/4	Kenhardt DC, Kenhardt div, NC	C036000000000 09300004
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-	Itumeleng Mashune	19 February 2019	Draft Scoping Phase	From: Itumeleng Mashune [mailto:Itumeleng.Mashune@drdlr.gov.za] Sent: Tuesday, February 19, 2019 14:46	From: PaulPuts Sent: Wednesday, February 20, 2019 13:17 To: 'Itumeleng Mashune'																					

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	<p>Department of Rural Development and Land Reform</p> <p>Deputy Director: Tenure Systems Implementation</p> <p>PSSC: Northern Cape</p>	Email		<p>To: PaulPuts <paulputs@arcusconsulting.co.za></p> <p>Subject: RE: Notification of Paulputs WEF and Grid Connection Draft Scoping Report</p> <p>Greetings</p> <p>Please provide us with the proper property description in order for us to respond.</p> <p>Kind regards</p>	<p><Itumeleng.Mashune@drdlr.gov.za></p> <p>Subject: RE: Notification of Paulputs WEF and Grid Connection Draft Scoping Report</p> <p>Good Day</p> <p>Thank you for your email received.</p> <p>Please find attached the KMZ of the Proposed Development Site Boundary for your attention.</p> <p>Furthermore, I have included the details of the landowners in the table below:</p> <table border="1"> <thead> <tr> <th>Farm name and Portion</th> <th>Municipality / Division / Province</th> <th>21 Digit Surveyor code</th> </tr> </thead> <tbody> <tr> <td>Scuitklip 92/2</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C0360000000000 9200002</td> </tr> <tr> <td>Scuitklip 92/3</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C0360000000000 9200003</td> </tr> <tr> <td>Scuitklip 92/5</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C0360000000000 9200005</td> </tr> <tr> <td>Lucasvlei 93/1</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C0360000000000 9300001</td> </tr> <tr> <td>Lucasvlei 93/2</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C0360000000000 9300002</td> </tr> </tbody> </table>	Farm name and Portion	Municipality / Division / Province	21 Digit Surveyor code	Scuitklip 92/2	Kenhardt DC, Kenhardt div, NC	C0360000000000 9200002	Scuitklip 92/3	Kenhardt DC, Kenhardt div, NC	C0360000000000 9200003	Scuitklip 92/5	Kenhardt DC, Kenhardt div, NC	C0360000000000 9200005	Lucasvlei 93/1	Kenhardt DC, Kenhardt div, NC	C0360000000000 9300001	Lucasvlei 93/2	Kenhardt DC, Kenhardt div, NC	C0360000000000 9300002
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9	<p>Cynthia Nkoane</p> <p>Department of Rural Development and Land Reform</p> <p>Property Management Directorate of the PSSC: NC</p>	<p>21 January 2019</p> <p>Email</p>	<p>Initial Phase</p>	<p>From: Cynthia Nkoane [mailto:Cynthia.Nkoane@drdlr.gov.za] Sent: Monday, January 21, 2019 12:41 To: PaulPuts <paulputs@arcusconsulting.co.za> Cc: Deidre Koopman <Deidre.Koopman@drdlr.gov.za> Subject: FW: Initial Notification for the Proposed Paulputs Wind Energy Facility</p> <p>Dear Aneesah</p> <p>Your below e-mail has been forwarded to the Property Management Directorate of the PSSC: NC, in order to confirm DRDLR ownership of the properties involved/affected.</p> <p>I assume that as you have identified the DRDLR as an interested and affected party, you have already done this (via the Registrar of Deeds), however we need the precise property description(s), [Farm number, name, and registration division (RD)], for any/all properties involved, in order to confirm this. It would be appreciated if you would provide the requested information. It is only then that we will be able to respond appropriately.</p> <p>Kind regards Cindy Nkoane (053) 830 4000/24</p>	<p>From: PaulPuts Sent: Monday, January 21, 2019 16:52 To: Cynthia Nkoane <Cynthia.Nkoane@drdlr.gov.za> Cc: Deidre Koopman <Deidre.Koopman@drdlr.gov.za> Subject: RE: Initial Notification for the Proposed Paulputs Wind Energy Facility</p> <p>Good Day</p> <p>Thank you for your email received. Please find attached the KMZ of the Proposed Development Site Boundary for your attention. Furthermore, I have included the details of the landowners in the table below:</p> <table border="1"> <thead> <tr> <th>Farm name and Portion</th> <th>Municipality / Division / Province</th> <th>21 Digit Surveyor code</th> </tr> </thead> <tbody> <tr> <td>Scuitklip 92/2</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C03600000000009200002</td> </tr> <tr> <td>Scuitklip 92/3</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C03600000000009200003</td> </tr> <tr> <td>Scuitklip 92/5</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C03600000000009200005</td> </tr> <tr> <td>Lucasvlei 93/1</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C03600000000009300001</td> </tr> <tr> <td>Lucasvlei 93/2</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C03600000000009300002</td> </tr> <tr> <td>Lucasvlei 93/4</td> <td>Kenhardt DC, Kenhardt div, NC</td> <td>C03600000000009300004</td> </tr> </tbody> </table>	Farm name and Portion	Municipality / Division / Province	21 Digit Surveyor code	Scuitklip 92/2	Kenhardt DC, Kenhardt div, NC	C03600000000009200002	Scuitklip 92/3	Kenhardt DC, Kenhardt div, NC	C03600000000009200003	Scuitklip 92/5	Kenhardt DC, Kenhardt div, NC	C03600000000009200005	Lucasvlei 93/1	Kenhardt DC, Kenhardt div, NC	C03600000000009300001	Lucasvlei 93/2	Kenhardt DC, Kenhardt div, NC	C03600000000009300002	Lucasvlei 93/4	Kenhardt DC, Kenhardt div, NC	C03600000000009300004
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-	Cynthia Nkoane Department of Rural Development and Land Reform Property Management Directorate of the PSSC: NC	22 January 2019 Telephone and Email	Initial Phase	From: Cynthia Nkoane [mailto:Cynthia.Nkoane@drdlr.gov.za] Sent: Tuesday, January 22, 2019 11:24 To: PaulPuts <paulputs@arcusconsulting.co.za> Cc: Deidre Koopman <Deidre.Koopman@drdlr.gov.za>; Itumeleng Mashune <Itumeleng.Mashune@drdlr.gov.za> Subject: RE: Initial Notification for the Proposed Paulputs Wind Energy Facility Dear Aneesah Thank you for the information. I am unable to open the attachment, however the table provides sufficient information, and I have confirmed that the DRDLR, nor any of our beneficiaries, are owners of the properties directly involved. The DRDLR, therefore doesn't have any comments/inputs to make. Given the location however, there <i>may</i> be neighbouring communities in the area that are affected/interested. Mr Itumeleng Mashune, an official in our Tenure Directorate, may have further information for you on that [he works with communities on TRANCRAA land]. His directorate would need further information to confirm this. IF there is any relation, then the relevant CPA/communities should be contacted. (I have included him in this e-mail for ease of reference and clarity.) The DRDLR, itself, will not need to be involved going forward. Kind Regards Cindy	From: PaulPuts Sent: Tuesday, January 22, 2019 12:59 To: Cynthia Nkoane <Cynthia.Nkoane@drdlr.gov.za> Cc: Deidre Koopman <Deidre.Koopman@drdlr.gov.za>; Itumeleng Mashune <Itumeleng.Mashune@drdlr.gov.za> Subject: RE: Initial Notification for the Proposed Paulputs Wind Energy Facility Dear Cynthia Thank you for your email, it is noted that your directorate has no comment / input to make. The Tenure Directorate has received the details of the farm portions and KMZ. Kind Regards Aneesah Alwie Public Participation Assistant, South Africa
10	Karen Clark Leads 2 Business	21 January 2019	Initial Phase	From: Karen Clark [mailto:KarenC@l2b.co.za] Sent: Monday, January 21, 2019 16:49 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: Proposed Paulputs Wind Energy Facility	From: PaulPuts Sent: Tuesday, January 22, 2019 12:27 To: Karen Clark <KarenC@l2b.co.za> Subject: RE: Proposed Paulputs Wind Energy Facility

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
	Regional Content Researcher	Email		Good day, Please be so kind as to register me as an I&AP. Thank you. -- Kind Regards, Karen Clark Regional Content Researcher Leads 2 Business (www.L2B.co.za) Tel: 033 343 1130 or 0860 836337 (0860 TENDER) Fax: 033 343 5882	Good Day Karen Thank you for your email. You have been included on the I&AP Database. Kind Regards Aneesah Alwie Public Participation Assistant, South Africa
11	Cobus Greeff Surrounding Landowner (I&AP)	24 January 2019 Telephone / Email	Initial Phase	I&AP made a telephone call as he was concerned about stock theft increasing on the property and requested to be included as an I&AP on the database.	<p>From: PaulPuts Sent: Thursday, January 24, 2019 17:38 To: cobus.greeff66@gmail.com Cc: PaulPuts <paulputs@arcusconsulting.co.za> Subject: Paulputs WEF</p> <p>Dear Cobus, Thank you for your call earlier regarding the proposed Paulputs WEF. Your concern regarding Stock theft increasing in the area is recorded and will be included and addressed in the Comments & Responses Report. In response to your query regarding the exact location of the site I attach a map from the upcoming Scoping Report. Please note that the displayed turbine layout is not final. Let me know should this not answer your query fully.</p> <p>You will be kept informed with the progress of the project and I have added the e-mail address to our database for future communications.</p> <p>Kind Regards, Anja Albertyn Environmental Practitioner <i>(Attachment included in Volume II Appendix 6)</i></p> <p>EAP Further Response: In accordance with the Social Impact Assessment (SIA) report (Volume III), the social specialist preliminary</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
					<p>identified the "Potential safety risk for farmers, risk of livestock theft and farming infrastructure, which are associated with the construction phase and the presence of the workers on the proposed construction site" as a potential impact of Low significance after mitigation.</p> <p>Following consultation with landowners during EIA phase, the social specialist provided the following mitigation measures:</p> <ul style="list-style-type: none"> - <i>The proposed construction site for the Paulputs WEF should be clearly fenced off and the movement of construction workers should be limited to the vicinity of the construction site.</i> - <i>The project proponent/ appointed contractors should provide transportation to the construction workers on a daily basis. This will ensure the potential risk regarding the trespassing of construction workers on farmers' properties, be reduced.</i> - <i>No staff should be accommodated over-night on the construction site, except for the presence of security staff throughout the night on site.</i> - <i>The project proponent and appointed contractors need to develop a code of conduct which must be signed by construction workers prior to the construction phase. The code of conduct should clearly outline the acceptable behaviour and activities of construction workers. In doing so construction workers will be legally informed and held liable for any damages/theft. Construction workers found guilty of such an offence should be charged and dismissed. It is however important that dismissals or fines must comply with the South African labour legislation.</i> - <i>The project proponent should enter into an agreement with the farmers prior to the construction phase, whereby the damages/losses to farming property/infrastructure be compensated for, if it can be proven to be associated with the construction activities of the proposed WEF.</i>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
					<ul style="list-style-type: none"> - The project proponent should hold the appointed contractors liable for the compensation to farmers for any damages or losses that can be associated with the construction phase of the proposed project. This should also be included in the Code of Conduct signed by all key stakeholders. - Procedures regarding waste management on the construction site should be clearly outlined in the Environmental Management Programme (EMPr), to reduce the risk it poses to livestock.'
12	Bonzo Surrounding Landowner	28 January 2019 Email	Initial Phase	<p>From: RS van Rooyen [mailto:bonzo@lantic.net] Sent: Monday, January 28, 2019 14:26 To: PaulPuts <paulputs@arcusconsulting.co.za> Cc: jhbprok@lantic.net Subject: RE: Initial Notification for the Proposed Paulputs Wind Energy Facility</p> <p>To confirm particulars for portion RE/78</p> <p>Owner : JHP van der Westhuizen Familie Trust</p> <p>Trustees : MEJ van Rooyen RS van Rooyen JHB van der Merwe</p> <p>Email : bonzo@lantic.net Cell : 082 578 5986</p>	<p>From: PaulPuts Sent: Friday, February 1, 2019 12:00 To: RS van Rooyen <bonzo@lantic.net> Cc: jhbprok@lantic.net Subject: RE: Initial Notification for the Proposed Paulputs Wind Energy Facility</p> <p>Good Day Thank you for your email. Please can you confirm if there are any occupiers on your Farm(s)? It is important that we keep them informed and up to date with the application process as well. Please can you provide the name and contact numbers if applicable. Thank You Kind Regards Aneesah Alwie Public Participation Assistant, South Africa</p>
-	Bonzo Surrounding Landowner	1 February 2019 Email	Initial Phase	<p>From: RS van Rooyen [mailto:bonzo@lantic.net] Sent: Friday, February 1, 2019 12:03 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: RE: Initial Notification for the Proposed Paulputs Wind Energy Facility</p> <p>I am the only occupant on RE/78</p>	<p>From: PaulPuts Sent: Friday, February 1, 2019 12:20 To: RS van Rooyen <bonzo@lantic.net> Subject: RE: Initial Notification for the Proposed Paulputs Wind Energy Facility</p> <p>Hi Bonzo Thank you for the email. Your response is noted. Regards Aneesah Alwie</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
13	Musa Baloye Project Coordinator South African Radio Astronomy Observatory (SARAO)	31 January 2019 Email	Initial Phase	<p>From: Musa Baloye [mailto:mbaloye@ska.ac.za] Sent: Thursday, January 31, 2019 14:21 To: PaulPuts <paulputs@arcusconsulting.co.za> Cc: Selaelo Matlhane - SKA <smatlhane@ska.ac.za>; Busang Sethole <bsethole@ska.ac.za>; Adrian Tiplady <atiplady@ska.ac.za>; Tshegofatso Monama <temonama@ska.ac.za>; Thato Nape <tnape@ska.ac.za> Subject: Re: Initial Notification for the Proposed Paulputs Wind Energy Facility</p> <p>Dear Aneesah</p> <p>Kindly find the attached letter from SARAO.</p> <p>Thank you. Regards Musa Baloye Project Coordinator South African Radio Astronomy Observatory (SARAO) 17 Baker Street, Rosebank, Johannesburg, 2196 Email: mbaloye@ska.ac.za Website: www.ska.ac.za</p>	<p>From: PaulPuts Sent: Friday, February 1, 2019 12:26 To: 'Musa Baloye' <mbaloye@ska.ac.za> Cc: Selaelo Matlhane - SKA <smatlhane@ska.ac.za>; Busang Sethole <bsethole@ska.ac.za>; Adrian Tiplady <atiplady@ska.ac.za>; Tshegofatso Monama <temonama@ska.ac.za>; Thato Nape <tnape@ska.ac.za> Subject: RE: Initial Notification for the Proposed Paulputs Wind Energy Facility</p> <p>Dear Musa</p> <p>The comments from SARAO has been received. Conclusions based on the assessment conducted is understood.</p> <p>SARAO will be kept informed of the development of this project throughout the PPP process.</p> <p>Thank You Kind Regards Aneesah Alwie Public Participation Assistant, South Africa</p>
		Email attachment		<p>Email:paulputs@arcusconsulting.co.za Date: 31 January 2019</p> <p>Dear Ms. Alwie</p> <p>Re: Application for Environmental Authorisation for the Proposed Paulputs Wind Energy Facility and Associated Infrastructure in the Northern Cape Province.</p> <p>This letter is in response to the initial scoping and authorisation letter for the above wind energy facility and the potential impact it has on the SKA project. We have considered the proposed development, and conducted a basic high level assessment to determine the potential impact. We have concluded as follows:</p>	

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>i. Based on the approximate location provided, the facility will present a very low risk of interference at the nearest telescope (SKA008) on the SKA spiral arm.</p> <p>ii. The preliminary assessment based on the SANS211 limits, indicates that the emissions levels from the facilities will fall below the required spectral density threshold for protection of the telescope against electromagnetic interference.</p> <p>iii. It is advisable that you provide the facility's electromagnetic emission levels at a later stage and ensure that the levels do not exceed limits prescribed in SANS211 standards.</p> <p>Any radio communication services and equipment located within the declared Karoo Central Astronomy Advantage Area shall be required to comply with the relevant regulations as promulgated.</p> <p>SARAO does not object the project at the current stage, however, we would like to be kept informed of the developments with this project and reserves the right to further risk assessments at a later stage.</p> <p>Regards,  Mr Selaelo Matlhane Spectrum & Telecommunication Manager South African Radio Astronomy Observatory (SARAO) Tel: 011 442 2434 Email: smatlhane@ska.ac.za</p>	
-	Musa Baloye Project Coordinator South	20 March 2019 Email	Draft Scoping Phase	<p>From: Musa Baloye [mailto:mbaloye@ska.ac.za] Sent: Wednesday, March 20, 2019 14:30 To: PaulPuts <paulputs@arcusconsulting.co.za> Cc: Busang Sethole <bsethole@ska.ac.za>; Adrian Tiplady <atiplady@ska.ac.za>; Selaelo Matlhane</p>	

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
	African Radio Astronomy Observatory (SARAO)			<p><smatlhane@ska.ac.za>; Thato Nape <tnape@ska.ac.za>; Tshegofatso Monama <temonama@ska.ac.za> Subject: Re: Notification of Paulputs WEF and Grid Connection Draft Scoping Report</p> <p>Dear Ms. Alwie</p> <p>Please find the attached letter from SARAO.</p> <p>Thank you.</p> <p>Regards, Musa Baloye Project Coordinator South African Radio Astronomy Observatory (SARAO) 17 Baker Street, Rosebank, Johannesburg, 2196 Email: mbaloye@ska.ac.za Website: www.ska.ac.za</p>	
		Email Attachment		<p>Ms. Aneesah Alwie Arcus Consultancy Services Ltd Office 220 Cube Workspace, Icon Building Cnr long Street and Hans Stridjom road, Cape Town, 8001 Email:paulputs@arcusconsulting.co.za Date: 20 February 2019</p> <p>Dear Ms. Alwie</p> <p>Re: Draft Scoping Report for the Proposed Paulputs Wind Energy Facility and Associated Infrastructure in the Northern Cape Province.</p> <p>This letter is in response to the draft scoping report for the above wind energy facility and the potential impact it has on the SKA project. We have considered the draft scoping report and although this development to poses a low risk to the SKA project, we are concerned that no reference has been made to the SKA radio telescope and the mitigation measures that should be in place to ensure that the telescope is protected from electromagnetic interference that radiated from the facility.</p>	<p>EAP acknowledges SARAO's concern that no reference to the SKA project was included in the Draft Scoping Report. Reference to the SKA radio telescope is provided in the Final Scoping Report (FSR) in Volume II: Public Participation Report Section 4 and 5, and in Volume I: FSR Section 4.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>The location of Paulputs WEF is far enough (about 184 km) to have significant radiated emissions impact on the SKA, however, the developers still has to ensure that these emissions are kept within the acceptable limits. The criteria used to calculate the emission limits is based on the South African Radio Astronomy Protection Levels, 2012 (SARAS) as published on the Government Gazette No. 35007. ow enough to impact the tele- scope.</p> <p>We, there, request that the draft scoping report identifies the SKA as a potentially impacted entity in the scoping assessment and that there is commitment from the developer to ensure that, when measured using SANS211 standard, the radiated emissions does not exceed the SARAS protection levels at the nearest SKA telescope.</p>	<p>The EAP has included reference to the SKA project as a potentially impacted entity in the FSR (see response above). The developer hereby provides a commitment <i>`to ensure that, when measured using SANS211 standard, the radiated emissions does not exceed the SARAS protection levels at the nearest SKA telescope`.</i></p>
				<p>In addition, reference made to the to the Astronomy Geographic Advantage Act, 2007 (Act No.21 of 2007) should be extended to include the following proposed text.</p> <p><i>"The Act provides for the preservation and protection of areas within the Republic that are uniquely suited for optical and radio astronomy. The Square Kilometre Array radio telescope is located in the declared Karoo Central Advantage Array and as such it is protected against harmful interference from wireless communication and electromagnetic emissions from electrical equipment."</i></p>	<p>Reference to the Astronomy Geographic Advantage Act, 2007 (Act No.21 of 2007) is provided in Section 2 Environmental Legal Framework of the Final Scoping Report.</p>
				<p>We appreciate the notification of the availability of the draft scoping report and we are open to discuss any matters that may arise with regard to this submission.</p> <p>Regards Mr Selaelo Matlhane</p>	<p>EAP acknowledges the signature. A query on the specific SKA / SARAO requirements was lodged by the EAP - correspondence provided below.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
-	Adrian Tiplady SKA / SARAO (I&AP)	28 March 2019 Telephone and Email	Draft Scoping Phase	<p>EAP called Mr Adrian Tiplady of SKA / SARAO to confirm requirements. Mr Adrian Tiplady requested that the above letter was forwarded to him to confirm requirements, including if further specialist study was required at EIA phase.</p> <p>EAP forwarded the letters received from the SKA Team attached to the email copied below to Mr Adrian Tiplady:</p> <p>From: Ryan David-Andersen Sent: Thursday, March 28, 2019 10:24 AM To: 'atiplady@ska.ac.za' Subject: FW: Notification of Paulputs WEF and Grid Connection Draft Scoping Report Attachments: Paulputs WEF_DSR.pdf; Paulputs WEF (1).pdf</p> <p>Dear Adrian Thanks very much for taking my call earlier. As discussed please may you clarify SKA / SARAO requirements for the Paulputs WEF as per the attached letters dated 31 January 2019 and 20 February 2019. Our proposed approach is to include your comments and responses from the project team including a <i>'commitment from the developer to ensure that, when measured using SANS211 standard, the radiated emissions does not exceed the SARAS protection levels at the nearest SKA telescope'</i> in our EIA reports. We will also include reference to the Astronomy Geographic Advantage Act, 2007 (Act No.21 of 2007). May you please confirm that this will suffice and that no further specialist study is required at EIA phase? Thank you <i>[Attachment included in Volume II Appendix 6]</i></p>	<p>At the time of FSR submission no response to the SKA / SARAO requirements query lodged by the EAP was provided by SARAO. Further correspondence with SARAO will be undertaken during EIA phase to confirm that SARAO requirements have been addressed.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
-	Ryan David-Andersen EAP, Arcus	16 April 2019 & 27 May 2019 Email	Final Scoping Phase	<p>----- Forwarded message ----- From: Adrian Tiplady <atiplady@ska.ac.za> Date: Thu, May 30, 2019 at 4:05 PM Subject: Fwd: FW: Notification of Paulputs WEF and Grid Connection Draft Scoping Report To: Selaelo Matlhane <smathane@ska.ac.za>, Tshegofatso Monama <temonama@ska.ac.za>, Busang Sethole <bsethole@ska.ac.za></p> <p>Please check</p> <p>----- Forwarded Message ----- Subject: FW: Notification of Paulputs WEF and Grid Connection Draft Scoping Report Date: Mon, 27 May 2019 13:19:52 +0000 From: Ryan David-Andersen <RyanDA@arcusconsulting.co.za></p> <p>To: atiplady@ska.ac.za <atiplady@ska.ac.za></p> <p>Dear Adrian</p> <p>Please may you provide confirmation that we have satisfactorily addressed SARAO requirements in respect of the SARAO letter dated 20 February 2019. Thank you</p> <p>From: Ryan David-Andersen Sent: Tuesday, April 16, 2019 10:59 To: 'atiplady@ska.ac.za' <atiplady@ska.ac.za> Subject: RE: Notification of Paulputs WEF and Grid Connection Draft Scoping Report</p> <p>Dear Adrian</p> <p>Please may you provide me feedback on our previous correspondence and the Paulputs Final Scoping Report (FSR) submitted on 02 April 2019.</p>	<p>From: Busang Sethole [mailto:bsethole@ska.ac.za] Sent: Thursday, June 6, 2019 10:05 To: Ryan David-Andersen <RyanDA@arcusconsulting.co.za> Cc: Musa Baloye <mbaloye@ska.ac.za>; Adrian Tiplady <atiplady@ska.ac.za>; Selaelo Matlhane - SKA <smathane@ska.ac.za> Subject: Fwd: FW: Notification of Paulputs WEF and Grid Connection Draft Scoping Report</p> <p>Good Day</p> <p>Apologies for the delay, i have been out of office with limited access to the internet. I have seen the final scoping report and yes our concerns are captured appropriately.</p> <p>Best Regards,</p> <p>Busang Sethole Spectrum and Telecommunications Analyst South African Radio Astronomy Observatory (SARAO) Address: 17 Baker Street, Rosebank, Johannesburg, 2196 Tel: +27 (0) 11 268 3449 Cell+27 (0) 79 465 5064 Email: bsethole@ska.ac.za Website: www.ska.ac.za</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>In particular the Comments and Responses Trail in Section 4 of FSR Volume II - Public Participation Report Pages 12 to 17. Please find attached for ease of reference.</p> <p>Have we addressed SRAO comment and requirements acceptably?</p> <p>Thank you Ryan David-Andersen</p>	
14	Aneesah Alwie Public Participation Assistant	6 February 2019 Email	Initial Phase	<p>From: PaulPuts Sent: Wednesday, February 6, 2019 15:19 Subject: RE: Proposed Paulputs Wind Energy Facility, Request for Occupier Details</p> <p>Good Day / Goeie Dag</p> <p>RE: Application for Environmental Authorisation for the proposed Paulputs Wind Energy Facility and Associated Infrastructure in the Northern Cape Province</p> <p>It is important that occupiers and workers on your farm are aware of the proposed development and are notified of all processes. Please can you send me a list of the occupiers and workers on your farm to enable us to add them on to the I&AP Database and keep them informed of the progress of the proposed development.</p> <p>Thank You. Kind Regards Aneesah Alwie</p>	
15	ANNIE COMPION Surrounding landowner	11 February 2019 Email	Initial Phase	<p>From: Dinky Compion [mailto:dinky4x4@webmail.co.za] Sent: Monday, February 11, 2019 17:28 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: RE: Proposed Paulputs Wind Energy Facility, Request for Occupier Details</p> <p>Goodday Aneesah</p> <p>I am referring to your email below.</p>	<p>From: PaulPuts Sent: Tuesday, February 12, 2019 14:40 To: 'Dinky Compion' <dinky4x4@webmail.co.za> Subject: RE: Proposed Paulputs Wind Energy Facility, Request for Occupier Details</p> <p>Good Day Annie</p> <p>Thank you for your email. Your response is appreciated and noted that there are no permanent occupiers other</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>We do not have any permanent workers on any of our farms. We only use contract workers and / or casuals. They do not stay longer than one week on the farm. In our area it is very difficult to appoint permanent employees as the mines and solar projects attracts all the skilled and reliable workers. We cannot compete with the remuneration packages that they offer.</p> <p>We also do not have any occupants other than our family (myself, my husband and children) that live on any of our farms.</p> <p>Please find attached a copy of the map. I've marked the pieces of land owned by our farming entities, which are:</p> <ol style="list-style-type: none"> 1. 7 / 93 2. 3 / 138 3. 6 / 140 4. 2 / 139 <p>The contact details of the other farm owners can be obtained from Mr Van der Colff himself.</p> <p>Kind regards</p> <p>ANNIE COMPION CA (SA) SAICA Membership no 04905251 Cell: 071 896 5961 PO Box 211 POFADDER 8890</p>	<p>than your family on the pieces of land owned by our farming entities.</p> <p>Kind Regards</p> <p>Aneesah Alwie</p>
16	Hlengani Alexia	20 February 2019 Email	Draft Scoping Phase	<p>From: Hlengani Alexia (UPN) [mailto:HlenganiA@dws.gov.za] Sent: Wednesday, February 20, 2019 8:55 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: Availability of the Draft Scoping Report</p>	<p>From: PaulPuts Sent: Wednesday, February 20, 2019 13:13 To: 'Hlengani Alexia (UPN)' <HlenganiA@dws.gov.za> Subject: RE: Availability of the Draft Scoping Report</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
	Department of Water and Sanitation			<p>Good day Kindly note that I am failing to download the draft due to internet problem, so kindly send hardcopy on the following address;: Department of Water and Sanitation Louisvale Road Upington 8800 Your response will be highly appreciated. Regards, Alexia</p>	<p>Good Day Thank you for your email. Please advise if an electronic copy (CD) be sufficient to deliver to the address as received? Kind Regards Aneesah Alwie Public Participation Assistant, South Africa</p>
				<p>From: Hlengani Alexia (UPN) [mailto:HlenganiA@dws.gov.za] Sent: Wednesday, February 20, 2019 14:17 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: RE: Availability of the Draft Scoping Report</p> <p>Good day</p> <p>A hard copy can do please.</p> <p>Regards Alexia</p>	<p>From: PaulPuts [mailto:paulputs@arcusconsulting.co.za] Sent: 21 February 2019 09:55 AM To: Hlengani Alexia (UPN) Subject: RE: Availability of the Draft Scoping Report</p> <p>Good Morning Please note that our office would like to deliver the hard copy of the Paulputs Draft Scoping Report. Please can you confirm the details below of yourself so that we can deliver the report. Name and Surname: Contact Number: Street Address: City: Postal Code: As soon as the above details is received we can process delivery of the DSR. Kind Regards Aneesah Alwie Public Participation Assistant, South Africa</p>
	Hlengani Alexia Department of Water and Sanitation	21 February 2019 Email	Draft Scoping Phase	<p>From: Hlengani Alexia (UPN) [mailto:HlenganiA@dws.gov.za] Sent: Thursday, February 21, 2019 9:59 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: RE: Availability of the Draft Scoping Report</p> <p>Good day</p>	<p>From: PaulPuts [mailto:paulputs@arcusconsulting.co.za] Sent: 21 February 2019 10:02 AM To: Hlengani Alexia (UPN) Subject: RE: Availability of the Draft Scoping Report</p> <p>Good Day</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>Department of Water and Sanitation Louisvale Road Upington 8800 Attention to Hlengani Alexia Regards Hlengani Alexia</p> <p>From: Hlengani Alexia (UPN) [mailto:HlenganiA@dws.gov.za] Sent: Thursday, February 21, 2019 12:34 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: RE: Availability of the Draft Scoping Report</p> <p>082 819 4687</p>	<p>Thank you for the received, please can you provide a contact number as well. This is required for the courier company. Kind Regards Aneesah Alwie Public Participation Assistant, South Africa</p>
					<p>From: PaulPuts [mailto:paulputs@arcusconsulting.co.za] Sent: 21 February 2019 04:09 PM To: Hlengani Alexia (UPN) Subject: RE: Availability of the Draft Scoping Report</p> <p>Good Day Hlengani Thank you for the information received. The hard copy, along with an electronic copy will be delivered by tomorrow via a courier company. Please confirm if you would like a hard copy each time there is a public review period for this Proposed Development. Kind Regards Aneesah Alwie Public Participation Assistant, South Africa</p>
	Hlengani Alexia Department of Water and Sanitation	22 February 2019 Email	Draft Scoping Phase	<p>From: Hlengani Alexia (UPN) [mailto:HlenganiA@dws.gov.za] Sent: Friday, February 22, 2019 7:47 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: RE: Availability of the Draft Scoping Report</p> <p>Good morning</p> <p>You can send it every time for public review.</p> <p>Thank you Alexia</p>	<p>From: PaulPuts Sent: Friday, February 22, 2019 11:14 To: 'Hlengani Alexia (UPN)' <HlenganiA@dws.gov.za> Subject: RE: Availability of the Draft Scoping Report</p> <p>Good Day Hlengani Thank you for your response, it is noted. Thank You Aneesah Alwie</p>
17	Mosala Ntoi	20 March 2019	Draft Scoping Phase	<p>From: Ntoi Mosala(UPN) [mailto:NtoiM@dws.gov.za] Sent: Wednesday, March 20, 2019 9:05 To: PaulPuts <paulputs@arcusconsulting.co.za></p>	<p>From: PaulPuts Sent: Wednesday, March 20, 2019 16:42 To: 'Ntoi Mosala(UPN)' <NtoiM@dws.gov.za></p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
	Department of Water & Sanitation Orange Proto WMA - Upington Office	Email		<p>Subject: COMMENT: Proposed Paulputs Wind Energy Facility and Associated Grid Connection, Northern Cape Province</p> <p>Good day</p> <p>Please find attached comment for the Proposed Paulputs Wind Energy Facility and Associated Grid Connection, Northern Cape Province.</p> <p>Regards</p> <p><i>Mosala Ntoi Cand. Nat. Sc. Department of Water & Sanitation Orange Proto WMA - Upington Office Tel: 054 338 5836 Fax: 054 334 0205</i></p>	<p>Subject: RE: COMMENT: Proposed Paulputs Wind Energy Facility and Associated Grid Connection, Northern Cape Province</p> <p>Good Day</p> <p>Confirmation that the comment from DWS has been received and any issues raised will be addressed as part of the EIA process.</p> <p>Kind Regards</p> <p>Aneesah Alwie</p>
		Email Attachment		<p>Northern Cape Region Lower Orange Water Management Area Private Bag X5912, Upington, 8800 Tel: (054) 338-5800, Fax: (054) 334-0205, www.dwa.gov.za F 054 334 0205 M Ntoi E NtoiM@dws.gov.za T 054 338 5800 By Registered Mail</p> <p>Arcus Consultancy Services SA Pty Ltd 220 Cube Workspace, Icon Building Cnr Long Street and Hans Strijdom Road Cape Town 88001</p> <p>Attention: Ashlin Bodasing</p> <p>NOTICE OF APPLICATION OF THE DRAFT SCOPING REPORT, PUBLIC PARTICIPATION REPORT, AND SPECIALIST SCOPING REPORT FOR THE PROPOSED PAULPUTS WIND ENERGY FACILITY AND ASSOCIATED</p>	<p>The EAP acknowledges comment received from the Department of Water & Sanitation (DWS) Northern Cape Region - Lower Orange Water Management Area. Comments are responded to individually below.</p>


Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>GRID CONNECTION ACCROSS VARIOUS PROPERTIES NEAR POFADDER, NORTHERN CAPE</p> <p>The Department of Water & Sanitation (DWS) hereby acknowledges receipt of the Draft Scoping Report, Public Participation Report, and Specialist Scoping Report for the proposed Paulputs Wind Energy Facility and associated Grid connection over various properties near Pofadder: Northern Cape.</p> <p>The Department takes note of the proposed activity and therefore provides the following comments :</p>	
				<ul style="list-style-type: none"> ➤ Please note that taking of water from a water resource as listed on page 78 of the Draft Scoping Report for the operation of the project needs to be authorized by this Department 	<p>A Water Use License Application (WULA) will be conducted for abstraction of water once source(s) of water have been confirmed. The WULA is anticipated to be conducted after completion of the EIA process and only if Paulputs is awarded preferred bidder status under the REIPPPP.</p>
				<ul style="list-style-type: none"> ➤ Installation of conservancy tanks at construction camps and O/M building needs to be authorized by this Department. 	<p>A WULA will be conducted prior to installation of conservancy tanks at construction camps and operations and maintenance building. As mentioned above WULAs will be conducted upon potential receipt of preferred bidder status.</p>
				<ul style="list-style-type: none"> ➤ Waste needs to be collected and disposed of at a registered municipal site during and after construction, and written agreement should be provided to this department. 	<p>Waste will be disposed of at a registered municipal landfill site by registered service providers. Landfill and service providers will be identified pre-construction and after confirmation of preferred bidder status. Written agreements will be provided to the DWS Northern Cape Region - Lower Orange Water Management Area upon selection of registered landfill and service provider.</p>
				<ul style="list-style-type: none"> ➤ Development near ephemeral streams needs to be authorized by this Department. 	<p>WULA for development near ephemeral streams will be conducted pre-construction and after confirmation of preferred bidder status.</p>
				<ul style="list-style-type: none"> ➤ Please note that a buffer of 45m should be kept at all times along ephemeral streams as stated in the Draft Scoping Report. 	<p>Development will avoid all 45 m watercourse buffers as far as reasonably practicable. In cases where road and other ancillary infrastructure occur within 32 m of a watercourse a WULA will be conducted.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>➤ Storm water must be managed in such a manner as to disperse runoff and to prevent the concentration of storm water flow.</p> <p>Please feel free to contact this Department, should there be any enquiries. Yours sincerely, Mr. A. Abrahams</p>	<p>Stormwater will be managed to minimise erosion, disperse runoff and prevent the concentration of stormwater flow. Stormwater Management Plan to be included within EMPr during EIA phase.</p> <p>EAP acknowledges the signature and offer to address queries thank you.</p>
18	Lydia Cape Gaea Enviro	20 February 2019 Email	Draft Scoping Phase	<p>From: Lydia Cape [mailto:lydia@gaeaenviro.co.za] Sent: Wednesday, February 20, 2019 15:22 To: Aneesah Alwie <AneesahA@arcusconsulting.co.za>; PaulPuts <paulputs@arcusconsulting.co.za> Cc: Towfie, Nazley <nazley.towfie@juwi.co.za> Subject: Re: Request to be registered as an I&AP</p> <p>Dear Arcus team Please register the following I&APs on your project database for the Paulputs Wind Energy Project: Lydia Cape, Gaea Enviro Nazley Towfie, juwi RE Please provide details on the status of the project and how far it is in the EIA process now. Please share DEA Ref No if available. Kind regards Lydia</p>	<p>From: PaulPuts <paulputs@arcusconsulting.co.za> Sent: Thursday, 21 February 2019 16:19 To: Lydia Cape <lydia@gaeaenviro.co.za> Cc: Towfie, Nazley <nazley.towfie@juwi.co.za> Subject: RE: Request to be registered as an I&AP</p> <p>Dear Lydia Thank you for your email. Can you please provide details on the below, of both I&APs to include on the database: Postal Address: Telephone No: The Proposed development is at the Draft Scoping Phase. To date there is no DEA Ref. No. Kind Regards Aneesah Alwie Public Participation Assistant, South Africa</p>
		22 February 2019	Draft Scoping Phase	<p>From: Lydia Cape [mailto:lydia@gaeaenviro.co.za] Sent: Friday, February 22, 2019 8:34 To: PaulPuts <paulputs@arcusconsulting.co.za> Cc: Towfie, Nazley <nazley.towfie@juwi.co.za> Subject: RE: Request to be registered as an I&AP</p> <p>Hi Aneesah Please can you indicate if the EIA application for the project has been lodged at DEA or not yet. Contact details: Lydia Cape Gaea Enviro</p>	<p>From: PaulPuts Sent: Friday, February 22, 2019 11:43 To: 'Lydia Cape' <lydia@gaeaenviro.co.za> Cc: Towfie, Nazley <nazley.towfie@juwi.co.za> Subject: RE: Request to be registered as an I&AP</p> <p>Good Day Lydia</p> <p>The EIA application has been submitted to the department and we are currently in the 30 day public review period. Please find attached notification letter.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>PO BOX 17, Clanwilliam 8135 021 470 0111 Nazley Towfie juwi Renewable Energies (Pty) Ltd 24th Floor · Metropolitan Centre · 7 Walter Sisulu Avenue · Foreshore · Cape Town · 8001 021 831 6131 Thanks and kind regards Lydia</p>	<p>Thank You Aneesah Alwie</p>
19	EIA Admin Integrated Environmental Authorisations	25 February 2019 Email	Draft Scoping Phase	<p>From: EIAAdmin [mailto:EIAAdmin@environment.gov.za] Sent: Monday, February 25, 2019 11:19 To: Ashlin Bodasing <AshlinB@arcusconsulting.co.za>; PaulPuts <paulputs@arcusconsulting.co.za> Cc: MrWolf@wkn-windcurrent.com; Bfisher@ncpg.gov.za; vries@khaima.gov.za; Herman Alberts <HAlberts@environment.gov.za> Subject: RE: 14/12/16/3/3/2/1120</p> <p>Dear Sir/Madam</p> <p>Please find attached and kindly disregard the previous acknowledgement letter. Kind Regards</p> <p>EIA Admin Integrated Environmental Authorisations: Coordination, Strategic Planning and Support Tel: (012) 399 8630 / (012) 399 8529 Email: EIAAdmin@environment.gov.za</p>	The EAP acknowledges the Acknowledgement of Receipt of Application Form and DSR Letter provided by the DEA: Integrated Environmental Authorisations.
		22 February 2019 Email	Draft Scoping Phase	<p>From: EIAAdmin [mailto:EIAAdmin@environment.gov.za] Sent: Friday, February 22, 2019 10:00 To: Ashlin Bodasing <AshlinB@arcusconsulting.co.za>; PaulPuts <paulputs@arcusconsulting.co.za> Cc: MrWolf@wkn-windcurrent.com; Bfisher@ncpg.gov.za; vries@khaima.gov.za; EIAAdmin <EIAAdmin@environment.gov.za>; Herman Alberts</p>	

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p><HAlberts@environment.gov.za> Subject: 14/12/16/3/3/2/1120</p> <p>Good day.</p> <p>Please find herein the attached letter for the above mentioned.</p> <p>I hope you find all in order.</p> <p>Thank you.</p> <p>EIA Admin : Coordination, Strategic Planning and Support Tel: (012) 399 8630 / (012) 399 8529 Email: EIAAdmin@environment.gov.za</p>	
			Email attachment	<p>DEA Reference: 14/12/16/3/3/2/1120 Enquiries: Azrah Essop Tel: 012 399 8529 E-mail: AEssop@environment.gov.za</p> <p>Ashlin Bodasing Arcus Consultancy Services South Africa (Pty) Ltd Office 220, Cube Workspace Icon Building Cnr Long Street and Hans Strijdom Avenue CAPE TOWN 8001</p> <p>Tel: 021 412 1529 Email: ashlinb@arcusconsulting.co.za / paulputs@arcusconsulting.co.za</p> <p>PER EMAIL / MAIL</p> <p>Dear Sir/Madam</p>	<p>The EAP confirms the submission date of 19th February 2019 for the Application Form and Draft Scoping Report in compliance with the NEMA EIA Regulations 2014 as amended.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>ACKNOWLEDGEMENT OF RECEIPT OF THE NEW APPLICATION FOR ENVIRONMENTAL AUTHORISATION (ENVIRONMENTAL IMPACT ASSESSMENT PROCESS) AND SCOPING REPORT FOR THE PROPOSED 300 MW PAULPUTS WIND ENERGY FACILITY (WEF) AND ASSOCIATED 132 KV GRID CONNECTION WITHIN THE NORTHERN CAPE PROVINCE</p> <p>The Department confirms having received the Application and draft Scoping Report for Environmental Authorisation for the abovementioned project on 19 February 2019. We further confirm that you have submitted these documents to comply with the National Environmental Management Act, 1998 (Act No. 107 of 1998) Environmental Impact Assessment Regulations, 2014 published under Government Notice R982 in Government Gazette No. 38282 dated 04 December 2014, as amended ('the EIA Regulations,2014').</p>	
				<p>Please take note of Regulation 40(3) of the EIA Regulations, 2014 which states that potential Interested & Affected Parties, including the Competent Authority, may be provided with an opportunity to comment on reports and plans contemplated in Regulation 40(1) of the EIA Regulations, 2014, prior to the submission of an application but must be provided an opportunity to comment on such reports once an application has been submitted to the Competent Authority.</p>	<p>The EAP takes note of the reference to Regulation 40(3) of the EIA Regulations 2014 as amended.</p>
				<p>Note that in terms of Regulation 45 of the EIA Regulations, 2014 this application will lapse if the applicant fails to meet any of the time-frames prescribed in terms of these Regulations, unless an extension has been granted by the Department in terms of Regulation 3(7) of the EIA Regulations, 2014.</p>	<p>The EAP acknowledges the reference to Regulation 45 of the EIA Regulations 2014 as amended.</p>
				<p>All documentation delivered to the physical address contained in this form must be delivered during the official Departmental Office Hours which is visible on the Departmental gate. EIA related documents</p>	<p>All documentation will be delivered to the DEA physical address during the official Departmental Office Hours.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response												
				<p>(includes application forms, reports or any EIA related submissions) that are faxed; emailed; delivered to Security or placed in the Departmental Tender Box will not be accepted.</p> <p>You are hereby reminded of Section 24F of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended, that no activity may commence prior to an Environmental Authorisation being granted by the Department.</p> <p>Kindly quote the abovementioned reference number In any future correspondence in respect of the application.</p> <p>Yours sincerely  Mr Sabelo Malaza Chief Director: Integrated Environmental Authorisations Department of Environmental Affairs Letter signed by: Ms Azrah Essop Designation: Environmental Officer: EIA Coordination, Strategic Planning and Support Date: 22/2/2019</p> <table border="1"> <tr> <td>CC:</td> <td>Alan Wolfroom</td> <td>Paulputs Wind Energy Facility (RF) (PTY) Ltd</td> <td>Email: MrWolf@wkn-windcurrent.com</td> </tr> <tr> <td></td> <td>Brian Fisher</td> <td>Northern Cape Department of Environmental and Nature Conservation</td> <td>Email: bfisher@ncpg.gov.za</td> </tr> <tr> <td></td> <td>Edward Vries</td> <td>Khai-Ma Local Municipality</td> <td>Email: vries@khaima.gov.za</td> </tr> </table>	CC:	Alan Wolfroom	Paulputs Wind Energy Facility (RF) (PTY) Ltd	Email: MrWolf@wkn-windcurrent.com		Brian Fisher	Northern Cape Department of Environmental and Nature Conservation	Email: bfisher@ncpg.gov.za		Edward Vries	Khai-Ma Local Municipality	Email: vries@khaima.gov.za	<p>The EAP and developer acknowledge the reference to Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended stating that no activity may commence prior to an environmental authorisation being granted by the Department.</p> <p>DEA Reference No. 14/12/16/3/3/2/1120 will be quoted in further correspondence related to the proposed Paulputs WEF and Grid Connection.</p>
CC:	Alan Wolfroom	Paulputs Wind Energy Facility (RF) (PTY) Ltd	Email: MrWolf@wkn-windcurrent.com														
	Brian Fisher	Northern Cape Department of Environmental and Nature Conservation	Email: bfisher@ncpg.gov.za														
	Edward Vries	Khai-Ma Local Municipality	Email: vries@khaima.gov.za														
-	EIA Admin Integrated Environmental Authorisations: Coordination, Strategic Planning and Support	26 March 2019 Email	Draft Scoping Phase	<p>From: EIAAdmin [mailto:EIAAdmin@environment.gov.za] Sent: Tuesday, 26 March 2019 10:30 To: Ashlin Bodasing <AshlinB@arcusconsulting.co.za>; MrWolf@wkn-windcurrent.com; Bfisher@ncpg.gov.za; vries@khaima.gov.za; BFischer@ncpg.gov.za Cc: Herman Alberts <HALberts@environment.gov.za>; EIAAdmin <EIAAdmin@environment.gov.za> Subject: 14/12/16/3/3/2/1120</p> <p>Good day.</p> <p>Please find herein the attached letter for the above mentioned.</p> <p>I hope you find all in order.</p>	<p>The EAP acknowledges comment received from the DEA Integrated Environmental Authorisations: Coordination, Strategic Planning and Support.</p>												

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>Thank you.</p> <p>Kind Regards, EIA Admin Integrated Environmental Authorisations: Coordination, Strategic Planning and Support Tel: (012) 399 8630 / (012) 399 8529 Email: EIAAdmin@environment.gov.za</p>	
			Email attachment	<p>DEA Reference: 14/12/16/3/3/2/1120 Enquiries: Mr Herman Alberts Tel: (012) 399 9371 E-mail: HAlberts@environment.gov.za</p> <p>Ms Ashlin Bodasing Arcus Consultancy Services South Africa (Pty) Ltd Office 220, Cube Workspace, Icon Building Cnr Long Street and Hans Strijdom Avenue CAPE TOWN 8001 Telephone Number: (021) 412 1529 Email Address: ashlinb@arcusconsulting.co.za</p> <p>PER EMAIL / MAIL Dear Ms Bodasing</p> <p>COMMENTS ON THE DRAFT SCOPING REPORT FOR THE PROPOSED DEVELOPMENT OF THE 300MW PAULPUTS WIND ENERGY FACILITY (WEF) AND ITS ASSOCIATED 132KV GRID CONNECTION, NORTHERN CAPE PROVINCE</p> <p>The draft Scoping Report (SR) dated February 2019 and received by this Department on 20 February 2019, and the acknowledgement letter of the SR issued by this Department on 22 February 2019, refer. <u>This Department has the following comments on the abovementioned application and report:</u></p> <p>i. Please ensure that all relevant listed activities applied for, are specific and can be linked to the development activity or infrastructure as described in the project description.</p>	<p>All relevant Listed Activities are applied for, and are project-specific. Descriptions of the development aspects that trigger the specific Listed Activity is provided.</p>


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				<p>ii. If the activities applied for in the application form differ from those mentioned in the draft SR, an amended application form must be submitted with the final SR. Please note that the Department's application form template has been amended and can be downloaded from the following link https://www.environment.gov.za/documents/forms.</p>	Listed Activities provided in the Draft Scoping Report (FSR) and applied for in the proposed Paulputs WEF Application Form are the same.
				<p>iii. The final SR must provide evidence that all identified and relevant competent authorities have been given an opportunity to comment on the proposed development; particularly the Square Kilometre Array South Africa, the South African Astronomical Observatory, the Northern Cape Department of Environment and Nature Conservation (DENC), and the District and Local Municipalities.</p>	All identified and relevant competent authorities have been given an opportunity to comment on the proposed development, including the Square Kilometre Array South Africa, the South African Astronomical Observatory, the Northern Cape Department of Environment and Nature Conservation (DENC), and the District and Local Municipalities.
				<p>iv. Please ensure that all issues raised and comments received during the circulation of the draft SR, from registered I&APs and organs of state which have jurisdiction (including this Department's Biodiversity Section) in respect of the proposed activity are adequately addressed in the final SR. Proof of correspondence with the various stakeholders must be included in the final SR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.</p>	All issues raised and comments received during the Draft Scoping Report (DSR) PPP have been included in this FSR under Volume II.
				<p>v. The Public Participation Process must be conducted in terms of Regulation 39, 40 41, 42, 43 & 44 of the EIA Regulations 2014, as amended.</p>	The Public Participation Process is being conducted in terms of Regulations 39, 40, 41, 42, 43 & 44 of the EIA Regulations 2014 as amended. Cognisance is also taken of the DEA (2017) Public Participation guideline.
				<p>vi. A comments and response trail report (C&R) must be submitted with the final SR. The C&R report must incorporate all comments for this development. The C&R report must be a</p>	The EAP has addressed all I&AP comments on the DSR received within the Comments and Responses Trail (C&R) in the FSR, available in Volume II. Format is aligned with that provided in Annexure 1 of the DEA DSR Comments

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				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.	Letter, the C&R is separate from the main report, and all I&AP comments are provided verbatim and have been adequately responded to.
			vii.	Please provide a description of any identified alternatives for the proposed activity that are feasible and reasonable, including the advantages and disadvantages that the proposed activity or alternatives will have on the environment and on the community that may be affected by the activity as per Appendix 2 of GN R.982 of 2014 (as amended). Alternatively, you should submit written proof of an investigation and motivation if no reasonable or feasible alternatives exist in terms of Appendix 2.	A Pre-Feasibility assessment undertaken by the developer is used to identify a suitable WEF site. The proposed Paulputs WEF was identified as a preferred site based on criteria that include environmental constraints, land use and land availability, grid connection availability, wind resource, site access and technical feasibility for construction. Section 3 of the FSR provides further detail on the site selection process (Section 3.4) as well as other alternatives considered. Reasonable and feasible alternatives are provided under Section 3 of the FSR. No alternative site for the proposed WEF will be assessed during Scoping and EIA due to the site selection process detailed in Section 3 of the FSR.
			viii.	Specialist studies to be conducted must provide a detailed description of their methodology, as well as indicate the locations and descriptions of turbine positions, and all other associated infrastructures that they have assessed and are recommending for authorisations.	All specialist studies provide a detailed description of their methodology including assessments of the turbine and ancillary infrastructure locations.
			ix.	The specialist studies must also provide a detailed description of all limitations to their studies. All specialist studies must be conducted in the right season and providing that as a limitation, will not be accepted.	All specialist studies provide a detailed description of assumptions and limitations to their studies (Volume III). All specialist studies were conducted in the right season.
			x.	Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with	At Scoping stage no contradicting recommendations were provided by the specialists. If contradicting recommendations are provided by the specialists in EIA phase the EAP will provide motivation for the preferred

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				defendable reasons; and were necessary, include further expertise advice.	recommendation and where necessary include further specialist input.
				xi. Please note that the Department considers a 'no-go' area, as an area where no development of any infrastructure is allowed; therefore, no development of associated infrastructure including access roads and internal cables is allowed in the 'no-go' areas.	The EAP acknowledges the Department's definition of a No-Go Area and will provide clarity in the EIA Report regarding specialist No-Go Areas.
				xii. Should the specialist definition of 'no-go' area differ from the Departments definition; this must be clearly indicated. The specialist must also indicate the 'no-go' area's buffer.	Clarity on specialist No-Go Areas, buffers and definitions thereof will be provided in the EIA Report. For example the Bat and Bird Specialists are expected to provide No-Go Areas for turbines where other infrastructure is allowed.
				xiii. Where specialist studies are conducted in-house or by a specialist other than a suitably qualified specialist in the relevant field, such specialist reports must be peer reviewed by a suitably qualified external specialist in the relevant field. The terms of reference for the peer review must include: <ul style="list-style-type: none"> ➤ A CV clearly showing expertise of the peer reviewer; Acceptability of the terms of reference; ➤ Is the methodology clearly explained and acceptable; Evaluate the validity of the findings (review data evidence); ➤ Discuss the suitability of the mitigation measures and recommendations; ➤ Identify any short comings and mitigation measures to address the short comings; Evaluate the appropriateness of the reference literature; ➤ Indicate whether a site-inspection was carried out as part of the peer review; and ➤ Indicate whether the article is well written and easy to understand. 	All specialists that form part of the project team are suitably qualified. Three in-house specialists were utilised - Bird, Bat and Noise specialists. External reviews by suitably qualified peers utilising the Department's Terms of Reference will be conducted for these three in-house specialist EIA reports.
				xiv. The bat and avifaunal specialist assessments must assess and make recommendations for definite measurements for the preferred hub heights and rotor diameter.	Bat and Avifaunal specialists will provide an assessment of preferred turbine specifications during the EIA phase - including recommendations of definite measurements for the preferred hub heights and rotor diameter if possible.

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>xv. Should there be any other similar projects within a 30km radius of the proposed development site, a cumulative impact assessment for all identified and assessed impacts must be undertaken and indicate the following:</p> <ul style="list-style-type: none"> ➤ Identified cumulative impacts must be clearly defined, and where possible the size of the identified impact must be quantified and indicated, i.e. hectares of cumulatively transformed land. ➤ Detailed process flow and proof must be provided, to indicate how the specialist's recommendations, mitigation 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. ➤ The cumulative impacts significance rating must also inform the need and desirability of the proposed development. ➤ A cumulative impact environmental statement on whether the proposed development must proceed. 	<p>The dominant land use in the area surrounding the proposed Paulputs WEF site is low intensity agriculture - livestock grazing. Extract from the Soil Scoping Study regarding land use and development on and surrounding the site is provided below: <i>'The area is a sheep farming area. The climate does not support any cultivation and low intensity natural grazing is the only current and viable agricultural activity. The only agricultural infrastructure in the area are wind pumps, stock watering points and fencing surrounding grazing camps. There are no farmsteads (that is a residential and administrative node of buildings and infrastructure from which a farm is managed) within the study area, but there are dwellings. There are a number of renewable energy developments in close proximity to the site.'</i></p> <p>Three operational solar PV facilities are located in the vicinity of the proposed Paulputs WEF site. Further motivation for the desirability of locating a WEF at the preferred location is provided above (Point 7) and in Section 3 of the FSR.</p>
				<p>xvi. The final SR must indicate and describe the competing land uses in the area. This must further motivate the desirability of locating the wind energy facility at the preferred location.</p>	<p>All specialists include in their assessment the potential cumulative impact of the proposed Paulputs WEF. The cumulative impacts assessed in particular refer to renewable energy projects located within 35 km of the proposed Paulputs WEF. Cumulative impacts identified and assessed by each specialist are provided in Section 17 of the FSR. Detailed process and flow regarding how similar developments in the area were taken into consideration is provided by each specialist under Section 17 and within each specialist study (Volume III). The following Cumulative Impact Statement is provided under Section 19 of the FSR: <i>'This Scoping study has concluded that there are no negative high residual impacts, including potential cumulative impacts associated with the proposed development. With mitigation all potential</i></p>

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					<i>negative cumulative impacts are reduced to medium or low significance. Potential cumulative negative impacts that remain medium significance after mitigation were identified by the bird, bat, heritage, visual and social specialists while a potential cumulative positive impact of high significance after enhancement was identified by the social specialist.'</i>
				xvii. The EAP must ensure that all appointed specialists sign the "specialist declaration of interest" form.	Specialist Declarations of all specialists were submitted by the EAP with the Draft Scoping Report.
				xviii. In accordance with Appendix 2 of the EIA Regulations 2014, as amended, the details of: <i>(i) the EAP who prepared the report; and (ii) the expertise of the EAP to carry out the Scoping and Environmental Impact assessment procedures;</i> must be submitted.	Details of the EAP including Declaration of Independence and CV were provided as Appendix A of the DSR. Expertise of the EAP is summarised in Section 1.4 of the FSR.
				xix. You are further reminded that the final SR to be submitted to this Department must comply with all the requirements in terms of the scope of assessment and content of Scoping reports in accordance with Appendix 2 and Regulation 21(1) of the EIA Regulations 2014, as amended.	'Table 2.2: Legislative Requirements for Scoping Reports' in Section 2.13.4 of the FSR provides reference to Sections of the FSR where each aspect of Appendix 2 of the EIA Regulations 2014 as amended is addressed within the FSR. Compliance with Regulation 21(1) of the EIA Regulations 2014 as amended is provided.
				xx. Further note that in terms of Regulation 45 of the EIA Regulations 2014, as amended, this application will lapse if the applicant fails to meet any of the timeframes prescribed in terms of these Regulations, unless an extension has been granted in terms of Regulation 3(7).	The EAP acknowledges the reference to Regulation 45 of the EIA Regulations 2014 as amended.
				You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no activity may commence prior to an environmental authorisation being granted by the Department.	The EAP and developer acknowledge the reference to Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended stating that no activity may commence prior to an environmental authorisation being granted by the Department.

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				<p>Yours faithfully</p>  <p>Mr Sabelo Malaza Chief Director: Integrated Environmental Authorisations Department of Environmental Affairs Signed by: Mr Coenrad Agenbach Designation: Deputy Director: Strategic Infrastructure Developments Date: 25/03/2019</p> <table border="1"> <tr> <td>cc: Alan Wolfromm</td> <td>Paulputs Wind Energy Facility (RF) (Pty) Ltd</td> <td>Email: MhWolff@wkn-windcurrent.com</td> </tr> <tr> <td>Brian Fisher</td> <td>NC DENC</td> <td>Email: bfisher@ncppg.gov.za</td> </tr> <tr> <td>Edward Vries</td> <td>Khai-Ma Local Municipality</td> <td>Email: vries@khaima.gov.za</td> </tr> </table> <p>Annexure 1</p> <p>Format for Comments and Response Trail Report:</p> <table border="1"> <thead> <tr> <th>Date of comment, format of comment name of organisation/I&AP</th> <th>Comment</th> <th>Response from EAP/Applicant/Specialist</th> </tr> </thead> <tbody> <tr> <td>27/01/2016 Email Department of Environmental Affairs: Strategic Infrastructure Development (John Soap)</td> <td>Please record C&R trail report in this format Please update the contact details of the provincial environmental authority</td> <td>EAP: (Noted)The C&R trail report has been updated into the desired format, see Appendix K EAP: Details of provincial authority have been updated, see page 16 of the Application form</td> </tr> </tbody> </table>	cc: Alan Wolfromm	Paulputs Wind Energy Facility (RF) (Pty) Ltd	Email: MhWolff@wkn-windcurrent.com	Brian Fisher	NC DENC	Email: bfisher@ncppg.gov.za	Edward Vries	Khai-Ma Local Municipality	Email: vries@khaima.gov.za	Date of comment, format of comment name of organisation/I&AP	Comment	Response from EAP/Applicant/Specialist	27/01/2016 Email Department of Environmental Affairs: Strategic Infrastructure Development (John Soap)	Please record C&R trail report in this format Please update the contact details of the provincial environmental authority	EAP: (Noted)The C&R trail report has been updated into the desired format, see Appendix K EAP: Details of provincial authority have been updated, see page 16 of the Application form	
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-	EIA Admin Integrated Environmental Authorisations: Coordination, Strategic Planning and Support	17 April 2019 Email	Final Scoping Phase	<p>From: EIAAdmin [mailto:EIAAdmin@environment.gov.za] Sent: Wednesday, 17 April 2019 11:57 To: Ashlin Bodasing <AshlinB@arcusconsulting.co.za> Cc: EIAAdmin <EIAAdmin@environment.gov.za>; Herman Alberts <HALberts@environment.gov.za> Subject: 14/12/16/3/3/2/1120</p> <p>Good day. Please find herein the attached letter for the above mentioned. I hope you find all in order. Thank you. Kind Regards, EIA Admin Integrated Environmental Authorisations: Coordination, Strategic Planning and Support Tel: (012) 399 8630 / (012) 399 8529 Email: EIAAdmin@environment.gov.za</p>	The EAP acknowledges email received from EIA Admin on 17 April 2019, and the Acknowledgement of Receipt Letter attached thereto, dated 22 February 2019.															
		Email attachment		DEA Reference: 14/12/16/3/3/2/1120 Enquiries: Azrah Essop	The EAP acknowledges the Acknowledgement of Receipt of the Application for Environmental Authorisation and															

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>Tel: 012 399 8529 E-mail:AEssop@environment.gov.za Ashlin Bodasing Arcus Consultancy Services South Africa (Pty) Ltd Office 220, Cube Workspace Icon Building Cnr Long Street and Hans Strijdom Avenue CAPE TOWN 8001 Tel: 021 412 1529 Email: ashlinb@arcusconsulting.co.za/ paulputs@arcusconsulting.co.za PER EMAIL /MAIL Dear Sir/Madam ACKNOWLEDGEMENT OF RECEIPT OF THE NEW APPLICATION FOR ENVIRONMENTAL AUTHORISATION (ENVIRONMENTAL IMPACT ASSESSMENT PROCESS) AND SCOPING REPORT FOR THE PROPOSED 300 MW PAULPUTS WIND ENERGY FACILITY (WEF) AND ASSOCIATED 132 KV GRID CONNECTION WITHIN THE NORTHERN CAPE PROVINCE The Department confirms having received the Application and draft Scoping Report for Environmental Authorisation for the abovementioned project on 19 February 2019. We further confirm that you have submitted these documents to comply with the National Environmental Management Act, 1998 (Act No. 107 of 1998) Environmental Impact Assessment Regulations, 2014 published under Government Notice R982 in Government Gazette No. 38282 dated 04 December 2014, as amended ('the EIA Regulations, 2014'). Please take note of Regulation 40(3) of the EIA Regulations, 2014 which states that potential Interested & Affected Parties, including the Competent Authority, may be provided with an opportunity to comment on reports and plans contemplated in Regulation 40(1) of the EIA Regulations, 2014, prior to the submission of an application but must be provided an opportunity to</p>	<p>the Scoping Report received from the Department of Environmental Affairs: Integrated Environmental Authorisations (DEA: IEA), dated 22 February 2019, stating that the Scoping Report and Application Form were received by the Department on 19 February 2019. The EAP has ensured compliance with the EIA Regulations 2014, as amended and the National Environmental Management Act, Act No 107 of 1998, as amended throughout the EIA process. The EAP and developer acknowledge the reference to Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended stating that no activity may commence prior to an environmental authorisation being granted by the Department.</p>

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				<p>comment on such reports once an application has been submitted to the Competent Authority. Note that in terms of Regulation 45 of the EIA Regulations, 2014 this application will lapse If the applicant falls to meet any of the time-frames prescribed In terms of these Regulations, unless an extension has been granted by the Department in terms of Regulation 3(7) of the EIA Regulations, 2014. All documentation delivered to the physical address contained in this form must be delivered during the official Departmental Office Hours which is visible on the Departmental gate. EIA related documents (includes application forms, reports or any EIA related submissions) that are truced; emailed; delivered to Security or placed in the Departmental Tender Box will not be accepted.</p> <p>You are hereby reminded of Section 24F of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended, that.no activity may commence prior to an Environmental Authorisation being granted by the Department.</p> <p>Kindly quote the abovementioned reference number In any future correspondence in respect of the application.</p> <p>Yours sincerely Mr Sabelo Malaza Chief Director: Integrated Environmental Authorisations Department of Environmental Affairs Letter signed by: Ms Azrah Essop Designation: Environmental Officer: EIA Coordination, Strategic Planning and Support Date: 22/2/2019</p>	
-	EIA Admin Integrated Environment al Authorisations:	15 May 2019 Email	Final Scoping Phase	<p>From: EIAadmin [mailto:EIAadmin@environment.gov.za] Sent: Wednesday, 15 May 2019 15:11 To: Ashlin Bodasing <AshlinB@arcusconsulting.co.za>; MrWolf@wkn-windcurrent.com; Bfisher@ncpg.gov.za; vries@khaima.gov.za Cc: Herman Alberts <HALberts@environment.gov.za>;</p>	Acceptance of Final Scoping Report and Comments from the Department of Environmental Affairs (DEA) Integrated Environmental Authorisations: Strategic Infrastructure received and acknowledged, letter dated 15 May 2019.

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	Coordination, Strategic Planning and Support			<p>EIAAdmin <EIAAdmin@environment.gov.za> Subject: 14/12/16/3/3/2/1120</p> <p>Good day. Please find herein the attached letter for the above mentioned. I hope you find all in order. Thank you. Kind Regards, Integrated Environmental Authorisations: IEM Systems and Tools Coordination Tel (012) 399 8630 / 9370 / 9367 Email: EIAAdmin@environment.gov.za</p>	
			Email attachment	<p>DEA Reference: 14/12/16/3/3/2/1120 Enquiries: Mr Herman Alberts Telephone: (012) 399 9371 E-mail: HALberts@environment.gov .za</p> <p>Ms Ashlin Bodasing Arcus Consultancy Services South Africa (Pty) Ltd Office 220, Cube Workspace, Icon Building Cnr Long Street and Hans Strijdom Avenue CAPE TOWN 8001</p> <p>Telephone Number: (021) 412 1529 Email Address: ashlinb@arcusconsulting.co.za</p> <p>PER E-MAIL / MAIL</p> <p>Dear Ms Bodasing</p> <p>ACCEPTANCE OF THE FINAL SCOPING REPORT FOR THE PROPOSED 300MW PAULPUTS WIND ENERGY FACILITY (WEF) AND ASSOCIATED 132KV GRID CONNECTION,NORTHERN CAPE PROVINCE</p>	<p>Responses to the Comment on the Final Scoping report from the DEA is included in Volume I, Section 1.2, Table 1.1: Comments received from the DEA on the Final Scoping Report</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>The Scoping Report (SR) and Plan of Study for Environmental Impact Assessment (PoSEIA) dated April 2019 and received by this Department on 02 April 2019 refer.</p> <p>This Department has evaluated the submitted SR and the PoSEIA dated April 2019 and is satisfied that the documents comply with the minimum requirements of the Environmental Impact Assessment (EIA) Regulations, 2014 as amended. The SR is hereby accepted by the Department in terms of Regulation 22(a) of the EIA Regulations, 2014, as amended.</p> <p>You may proceed with the Environmental Impact Assessment process in accordance with the tasks contemplated in the PoSEIA and the requirements of the EIA Regulations, 2014, as amended.</p>	
				<p>All comments and recommendations made by all stakeholders and Interested and Affected Parties (I&APs) in the draft SR and submitted as part of the final SR must be taken into consideration when preparing an Environmental Impact Assessment report (EIAR) in respect of the proposed development.</p>	<p>All comments and recommendations by stakeholders and I&APs have been addressed and considered and form part of the Comments and Responses Trail.</p>
				<p>Please ensure that all mitigation measures and recommendations in the specialist studies are addressed and included in the final EIAR and Environmental Management Programme (EMPr)</p>	<p>All mitigation measures have been included in the EIAR and the EMPr.</p>
				<p>Please ensure that comments from all relevant stakeholders are submitted to the Department with the final EIAR. This includes but is not limited to the Northern Cape Department of Environment and Nature Conservation (DENC), the Department of Agriculture, Forestry and Fisheries (DAFF), the provincial Department of Agriculture, the South African Civil Aviation Authority (SACAA), the Department of Transport, the Khai-Ma and Namakwa Local Municipalities, the ZF Mgcau and Namakwa District Municipalities, the Department of Water and Sanitation</p>	<p>Copies of all comments received are included in the Comments and Responses Trail.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				(DWS}, the South African National Roads Agency Limited (SANRAL), the South African Heritage Resources Agency (SAHRA), BirdLife SA, the Department of Mineral Resources, the Department of Rural Development and Land Reform, the Department of Environmental Affairs: Directorate Biodiversity and Conservation and SKA.	
				You are also required to address all issues raised by Organs of State and I&APs prior to the submission of the EIAr to the Department.	All issues raised have been collated in the Comments and Responses trail and responded to. Copies of all correspondence is included in the Public Participation Report.
				Proof of correspondence with the various stakeholders must be included in the EIAr. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.	Proof of all correspondence including sent emails, delivery notifications and read receipts as well as registered mail are included.
				The EAP must, in order to give effect to Regulation 8, give registered I&APs access to, and an opportunity to comment on the report in writing within 30 days before submitting the final EIAr to the Department.	All I&APs will be given an opportunity to comment on the EIA report for a period of 30 days. All comments received will be included and responded to prior to submission of the final EIAr to the DEA.
				The EIAr must provide an assessment of the impacts and mitigation measures for each of the listed activities applied for.	All specialists have assessed the proposed project in relation to the listed activities applied for and provided mitigation measures.
				The listed activities represented in the EIAr and the application form must be the same and correct.	The correct listed activities are supplied in the EIAr and amended application form submitted with the EIAr.
				The EIAr must assess the correct sub listed activity for each listed activity applied for. The EAP must remove any sub-listed activities that are not listed from the application form and assessment reports.	The correct sub-listed activities are supplied in the EIAr and amended application form submitted with the EIAr. EAP has removed sub-listed activities that are not applicable from the application form and assessment reports.
				The EAP must provide landowner consent for all farm portions affected by the proposed project, whether the project component is linear or not, i.e. all farm portions where the access road, wind turbines and associated infrastructure is to be located.	The NEMA EIA Regulations 2014 as amended, as stated by Regulation 39(2)(a), do not require landowner consent for linear activities. The EAP was unable to obtain landowner consent for all grid connection option affected properties. Grid connection landowner consents

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					that were obtainable are provided with the application form. Landowner consent for all properties affected by the WEF is provided with the application form.
				The EIA 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.	Technical details for the proposed facility as well their description and/or dimensions are provided in the DEA table format in the EIA.
				The EIA must provide the four corner coordinate points for the proposed development site (note that if the site has numerous bend points, at each bend point coordinates must be provided) as well as the start, middle and end point of all linear activities.	Bend point coordinates of the WEF site boundary; and start, middle, end coordinates of the grid connection options are provided in the EIA.
				The EIA must provide the following: Clear indication of the envisioned area for the proposed wind energy facility; i.e. placing of wind turbines and all associated infrastructure should be mapped at an appropriate scale.	Figures provided in the EIA map the envisioned area of the proposed WEF and grid connection including wind turbines and associated infrastructure at an appropriate scale.
				Clear description of all associated infrastructure. This description must include, but is not limited to the following: <ul style="list-style-type: none"> - Powerlines; - Internal roads infrastructure; and; - All supporting onsite infrastructure such as laydown area, guard house and control room etc. - All necessary details regarding all possible locations and sizes of the proposed satellite substation and the main substation. 	All associated infrastructure is described in the EIA. Three proposed substation compounds of 4 ha each, total 12 ha, consisting of onsite substation 1.1 ha, offices 0.5 ha, permanent laydown 1 ha, temporary construction yard (future battery storage) 1 ha.
				The EIA must also include a comments and response report in accordance with Appendix 2h (iii) of the EIA Regulations, 2014, as amended	Comments and Response Report is included in Volume II.

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				<p>Details of the future plans for the site and infrastructure after decommissioning in 20-30 years and the possibility of upgrading the proposed infrastructure to more advanced technologies.</p>	<p>After the wind turbines are decommissioned, either:</p> <ul style="list-style-type: none"> • The site will be rehabilitated; or • Advanced wind turbines will be constructed - these are likely to have higher capacity, meaning either less of them will be required, or that the WEF can have a larger capacity if the local grid can evacuate the power and the national energy demand requires it.
				<p>A significant amount of materials and equipment will be delivered to the site during the construction phase of the development and will thus have impacts on the environment. The impacts of this activity must be fully identified and assessed. The terms of reference for the <u>Traffic Impact Assessment</u> must be expanded to include the following:</p> <ul style="list-style-type: none"> – Evaluate the impacts of the proposed development on existing road network and traffic volumes. The study must determine the specific traffic needs during the different phases of implementation, namely wind turbine construction and installation, operation and decommissioning; – Identify the position and suitability of the preferred access road alternative; – Evaluate the roadway capacity of the road network; – Confirm the associated clearances required for the necessary equipment to be transported from the point of delivery to the various sites; – Confirm freight and transport requirements during construction, operation and maintenance; – Propose origins and destinations of equipment; and 	<p>The Traffic Impact Assessment terms of reference were updated as requested and the TIA provides feedback on the DEA requirements listed here.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<ul style="list-style-type: none"> Determine (Abnormal) Permit requirements if any. 	
				<p>The study area falls potentially within the ambit of the Square Kilometre Array - South Africa. The impacts associated with radio frequency interference on the SKA must form part of the environmental impact assessment if it does. The applicant must liaise with SKA-SA (Dr. Adrian Tiplady) for confirmation and their requirements (Terms of Reference for specialist studies) if required. Should EMI and RFI detailed specialist studies be required, these studies must be completed, and included in the draft EIAr with comments being obtained on these studies from the SKA-SA. All communications and correspondences between the EAP and SKA-SA must be included in the EIAr.</p>	<p>Consultation with SKA-SA was undertaken by the EAP. SKA-SA confirmed via email on 06 June 2019 that no further specialist study (e.g. EMI and RFI) was required for the proposed Paulputs WEF and Grid Connection. All correspondence between the EAP and SKA-SA is included in the EIAr.</p>
				<p>All specialist studies must be undertaken at the most appropriate time, and detailed reasons must be provided for why the study was undertaken during the said period.</p>	<p>All specialist studies include a statement on the timing of the study.</p>
				<p>The EIAr must adhere to all the comments issued by this Department on the draft SR.</p>	<p>All comments provided by the DEA on the Draft Scoping Report have been adhered to.</p>
				<p>The specialist studies must consider, and clearly stipulate the range of hub heights and rotor diameters considered. The EAP is to ensure that all specialists are to assess the same range in their assessments, and mitigation measures for the range between the minimum and maximum heights must be provided.</p>	<p>Hub height and rotor diameter dimensions ranges were assessed by specialists, in particular the Bird and Bat specialists, and dimension-specific mitigation measures were provided by the specialists where applicable.</p>
				<p>The specialist studies to be conducted must provide a detailed description of their methodology, as well as indicate the locations and descriptions of turbines that they have assessed.</p>	<p>Specialist studies provide detailed descriptions of their methodologies, and indicate the assessed turbine positions in figures.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				The specialist studies must also provide a detailed description of all limitations to their studies. It must be also noted that all specialist studies must be conducted in the correct season, and conducting a specialist study in the incorrect season and providing that as a limitation will not be accepted.	Assumptions and limitations are provided by all specialists and collated in the EIAr.
				Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defensible reasons; and where necessary, include further expertise advice.	No contradicting specialist recommendations were identified during the assessment process.
				Please note that the Department considers a 'no-go' area, as an area where no development of any infrastructure is allowed; therefore, no development of associated infrastructure including access roads and internal cables is allowed in the 'no-go' areas.	The EAP takes cognisance of the Department's definition of a 'no-go' area and clarity on the specialist definition is provided in the mapping of these areas.
				Should the specialist definition of 'no-go' area differ from the Department's definition; this must be clearly indicated. The specialist must also indicate the 'no-go' area's buffer.	Clarity is provided in the definition and applicability of 'no-go' areas. Specialist constraints and buffers are provided with explanation.
				The EIAr must provide a detailed description of the need and desirability, not only providing motivation on the need for clean energy in South Africa of the proposed activity. The need and desirability must also indicate if the proposed development is needed in the region and if the current proposed location is desirable for the proposed activity compared to other sites. The need and desirability must take into account cumulative impacts of the proposed development in the area.	Need and Desirability is discussed in detail in line with the Department of Environmental Affairs (DEA) 2017 Guideline on Need and Desirability.
				The EIAr must include a detailed cumulative impact assessment of the facility if there are other similar facilities within a 30km radius of the proposed development site. All the specialist studies e.g.	All specialist studies assess cumulative impacts associated with the proposed development. The cumulative impacts are clearly defined and quantified where possible. Process flow and proof of the steps taken

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				<p>biodiversity, visual, heritage etc. in the PoSEIA which is incorporated as part of the SR must also assess the facility in terms of potential cumulative impacts. The cumulative impact assessment for all identified and assessed impacts must indicate the following:</p> <ul style="list-style-type: none"> - Identified cumulative impacts must be clearly defined, and where possible the size of the identified impact must be quantified and indicated, i.e. hectares of cumulatively transformed land. - Detailed process flow and proof must be provided, to indicate how the specialist's recommendations, mitigation measures and conclusions from the various 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. - Identified cumulative impacts associated with the proposed development must be rated with the significance rating methodology approved with the acceptance of the scoping report. - The cumulative impact significance rating must also inform the need and desirability of the proposed development. - A cumulative impact environmental statement on whether the proposed development must proceed. 	<p>to assess cumulative impacts is provided and significance of the identified impacts is rated using approved methodology. Need and Desirability of the proposed development takes into account the regional context and cumulative impacts. The Impact Statement provided includes an assessment of the cumulative impacts.</p>
				<p>Please note that information on location of renewable energy developments can be accessed from https://www.environment.gov.za/mapsgraphics.</p>	<p>The DEA's Renewable Energy Environmental Authorisation 2019_Q1 layer was utilised to identify renewable energy facilities within 35 km of the proposed development to be cumulatively assessed by specialists. In addition the recently approved Paulputs PV 3 x 100 MW solar facility was cumulatively assessed by the specialists.</p>

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				<p>A copy of the final site layout map. All available biodiversity 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:</p> <ul style="list-style-type: none"> - Wind turbine positions (numbered) and its associated infrastructure; - Permanent laydown area footprint; - Internal roads indicating width (construction period width and operation period width) and with numbered sections between the other site elements which they serve (to make commenting on sections possible); - Wetlands, drainage lines, rivers, stream and water crossing of roads and cables indicating the type of bridging structures that will be used; - The location of sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines, nesting and roosting sites, etc. that will be affected by the facility and its associated infrastructure; - Substation(s) and/or transformer(s) sites including their entire footprint; - Connection routes (including pylon positions) to the distribution / transmission network; - All existing infrastructure on the site, especially roads; - Buffer areas; - Buildings, including accommodation; and - All "no-go" areas. 	<p>All available biodiversity data and infrastructure (proposed and existing) is presented.</p> <p>The proposed position of the pylons would only be determined at a later stage. The specialists assessed impacts and identified sensitive areas within a 300 m corridor for the grid connection options.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				An environmental sensitivity map indicating environmental sensitive areas and features identified during the EIA process.	The environmental sensitivity map provides all specialist constraints and features identified on the proposed site.
				A map combining the final layout map superimposed (overlain) on the environmental sensitivity map.	The site layout plan provides the proposed site development plan superimposed onto the environmental sensitivity map.
				A shapefile of the preferred development layout/footprint must be submitted to this Department.	A shapefile of the preferred development footprint has been submitted to the Department.
				The EMPr to be submitted as part of the EIAR must include the following: i. All recommendations and mitigation measures recorded in the EIAR and the specialist studies conducted.	All recommendations and mitigation measures are included in the EMPr.
				ii. The final site layout map.	Updated Site Layout included in EMPr.
				iii. Measures as dictated by the final site layout map and micro-siting.	All mitigation measures included in EMPr including micro-siting recommendations.
				iv. An environmental sensitivity map indicating environmental sensitive areas and features identified during the EIA process.	The environmental sensitivity map provides all specialist constraints and features identified on the proposed site and is included in the EMPr.
				v. A map combining the final layout map superimposed (overlain) on the environmental sensitivity map.	The Updated Site Layout provides the proposed site development plan superimposed onto the environmental sensitivity map and is included in the EMPr.
				vi. An alien invasive management plan to be 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.	An Alien Invasive Management Plan providing control methods for construction and operation is included in the EMPr.
				vii. A plant rescue and protection plan which allows for the maximum transplant of conservation important species from areas to be transformed. This plan must be compiled by a vegetation specialist familiar	A Plant Rescue and Protection Plan is provided in the EMPr. The plan was compiled by the Ecological Specialist familiar with the site.

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				with the site and be implemented prior to commencement of the construction phase.	
				viii. An avifauna and bat monitoring and management plan to be implemented during the construction and operation of the facility. This plan must be drafted according to the latest guidelines by a suitably qualified avifauna and bat specialist.	Post Construction Avifaunal and Bat Monitoring Plans are included in the EMPr. These plans comply with the latest guidelines.
				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.	A Re-vegetation and Habitat Rehabilitation Plan is included in the EMPr. The plan recommends concurrent rehabilitation to reduce the amount of habitat converted at any one time.
				x. An open space management plan to be implemented during the construction and operation of the facility.	An Open Space Management Plan is included in the EMPr.
				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.	Traffic Management Plan included in EMPr. Due the rural nature of the site the impact on existing retail and commercial operations is expected to be negligible.
				xii. A transportation plan for the transport of components, main assembly cranes and other large pieces of equipment.	A Traffic Management Plan that provides abnormal load transportation recommendations is included in EMPr.
				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	A Storm Water Management Plan is included in the EMPr that provides mitigation measures for erosion and other hydrological impacts during construction and operation.

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				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.	
				xiv. A fire management plan to be implemented during the construction and operation of the facility.	Fire Management Plan for construction and operation included in EMPr.
				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.	An Erosion Management Plan is included in the EMPr that provides mitigation measures for erosion.
				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.	Mitigation measures to prevent spillage of hazardous substances are included in the EMPr.
				xvii. Measures to protect hydrological features such as streams, rivers, pans, wetlands, dams and their catchments, and other environmental sensitive areas from construction impacts including the direct or indirect spillage of pollutants.	No hydrological features occur within the proposed development footprint however precautionary measures for protection of hydrological features are included in the EMPr.
				The EAP must provide detailed motivation if any of the above requirements is not required by the proposed development and not included in the EMPr.	All above requirements are included in the EMPr.
				The EAP must provide the final detailed Site Layout Plan as well as the final EMPr for approval with the final EIAr as this Department needs to make a decision on the EIA, EMPr and Layout Plan.	The environmental sensitivity map provides all specialist constraints and features identified on the proposed site overlain by the Site Layout Plan and is included in the EMPr.
				Please ensure that all the relevant Listing Notice activities are applied for, that the Listing Notice	All relevant listed activities are applied for and specified.

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>activities applied for are specific and that they can be linked to the development activity or infrastructure in the project description.</p> <p><u>You are hereby reminded that should the EIA fail to comply with the requirements of this acceptance letter, the project will be refused in accordance with Regulation 24(1)(b) of the EIA Regulations, 2014. as amended.</u></p> <p>The applicant is hereby reminded to comply with the requirements of Regulation 45 with regard to the time period allowed for complying with the requirements of the Regulations, and Regulations 43 and 44 with regard to the allowance of a comment period for interested and affected parties on all reports submitted to the competent authority for decision-making. The reports referred to are listed in Regulation 43(1).</p> <p>Furthermore, it must be reiterated that, should an application for Environmental Authorisation be subject to the provisions of Chapter ii, Section 38 of the National Heritage Resources Act, Act 25 of 1999, then this Department will not be able to make nor issue a decision in terms of your application for Environmental Authorisation pending a letter from the pertinent heritage authority categorically stating that the application fulfils the requirements of the relevant heritage resources authority as described in Chapter II, Section 38(8) of the National Heritage Resources Act, Act 25 of 1999. Comments from SAHRA and/or the provincial department of heritage must be provided in the EIAr.</p> <p>You are requested to submit two (2) electronic copies (1 CD/DVD and 1USB) and one (1) hard copy of the EIAr to the Department as per Regulation 23(1) of the EIA Regulations, 2014, as amended.</p> <p>Please also find attached information that must be used in the preparation of the EIAr. This will enable the</p>	<p>The requirements of the acceptance letter and the EIA Regulations 2014, as amended have been complied with in submission of the EIAr.</p> <p>Final Comment has been issued by the relevant heritage authority (SAHRA) in terms of Section 38 of the National Heritage Resources Act, Act 25 of 1999, and is provided in Volume II of this Final EIA Report. The final comment from SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development and the recommendations provided by the specialists are supported and must be adhered to.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>Department to speedily review the EIAR and make a decision on the application.</p> <p>You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, which stipulates that no activity may commence prior to an Environmental Authorisation being granted by the Department.</p> <p>Yours faithfully Mr Sabelo Malaza Chief Director: Integrated Environmental Authorisations Department of Environmental Affairs Letter Signed by: Mr Coenrad Agenbach Designation: Deputy Director: Strategic Infrastructure Developments Date: 15/05/2019</p>	
-	EIA Admin Integrated Environmental Authorisations: Coordination, Strategic Planning and Support	16 August 2019 Email	Draft EIA Phase	<p>From: EIAadmin [mailto:EIAadmin@environment.gov.za] Sent: Friday, 16 August 2019 11:05 To: Ashlin Bodasing <AshlinB@arcusconsulting.co.za>; MrWolf@wkn-windcurrent.com; 'B Fisher' <bfisher@ncpg.gov.za>; vries@khaima.gov.za Cc: Herman Alberts <HALberts@environment.gov.za>; EIAadmin <EIAadmin@environment.gov.za> Subject: 14/12/16/3/3/2/1120</p> <p>Good day.</p> <p>Please find herein the attached letter for the above mentioned.</p> <p>I hope you find all in order.</p> <p>Thank you.</p> <p>Kind Regards, Integrated Environmental Authorisations:</p>	The EAP acknowledges comment on the Draft EIA Report received from DEA - responses are provided per comment below.

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>IEM Systems and Tools Coordination Tel (012) 399 8630 / 9370 / 9367 Email: EIAAdmin@environment.gov.za</p>	
		Email attachment		<p>DEA Reference: 14/12/16/3/3/2/1 120 Enquiries: Herman Albers Telephone: (012) 399 9371 E-mail: HAlbers@environment.gov.za</p> <p>Ms Ashlin Bodasing Arcus Consultancy Services South Africa (Pty) Ltd Office 220,Cube Workspace, Icon Building Cnr Long Street and Hans Strijdom Avenue CAPE TOWN 8001 Telephone Number: (021) 412 1529 EmailAddress: ashlinb@arcusconsulting.co.za PER E-MAIL / MAIL Dear Ms Bodasing</p> <p>COMMENTS ON THE DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED 300MW PAULPUTS WIND ENERGY FACILITY (WEF) AND ASSOCIATED 132KV GRID CONNECTION, NORTHERN CAPE PROVINCE</p> <p>The draft Environmental Impact Assessment Report (EIAR) dated July 2019 and received by this Department on 18 July 2019 refers.</p> <p><i>On 08 December 2014 the Minister of Water and Environmental Affairs promulgated regulations in terms of Chapter 5 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA), viz, the NEMA Environmental Impact Assessment (EIA) Regulations 2014 (GN R982, R983, R984 and R985 of 04 December 2014). The NEMA EIA Regulations, 2014 and listing notices, were subsequently amended on 07</i></p>	<p>This has been updated throughout the report and correctly referenced.</p>

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				<p><i>April 2017 (refer to GN R324, R325, R326, R327 of 07 April 2017) and is being referred to as NEMA EIA Regulations, 2014, as amended. The same referencing would apply to the listing notices containing the listed activities that would require Environmental Authorisation.</i></p> <p><u>This letter serves to inform you that the following information must be included to the final EIAR:</u></p>	
				<p>(a) Listed Activities</p> <p>i. Please ensure that all relevant listed activities are applied for, are specific and that it can be linked to the development activity or infrastructure as described in the project description.</p> <p>ii. If the activities applied for in the application form differ from those mentioned in the final EIAR, an amended application form must be submitted. Please note that the Department's application form template has been amended and can be downloaded from the following link https://www.environment.gov.za/documents/forms.</p>	<p>All relevant listed activities are being applied for and are correct in the application form submitted.</p>
				<p>(b) Alternatives</p> <p>i. Please provide a description of any identified alternatives for the proposed activity that are feasible and reasonable, including the advantages and disadvantages that the proposed activity or alternatives will have on the environment and on the community that may be affected by the activity as per Appendix 3 (1) (h) (i) of the EIA Regulations, 2014, as amended. Alternatively, you should submit written proof of an investigation and motivation if no reasonable or feasible alternatives exist in terms of Appendix 3.</p> <p>ii. Please note that information on location of renewable energy developments can be accessed from https://www.environment.gov.za/mapsgraphics</p>	<p>A description of the identified alternatives has been included in this EIA Report, as per Appendix 3 of the EIA Regulations 2014, as amended.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>(c) Site Lay Out</p> <p>i. All available biodiversity information must be used in the finalisation of the layout map. Existing infrastructure must be used as far as possible e.g. roads.</p> <p>ii. The layout map must indicate the following:</p> <ul style="list-style-type: none"> • Wind turbine positions (numbered) and its associated infrastructure; • Permanent laydown area footprint; • Internal roads indicating width (construction period width and operation period width) and with numbered sections between the other site elements which they serve (to make commenting on sections possible); • Wetlands, drainage lines, rivers, stream and water crossing of roads and cables indicating the type of bridging structures that will be used; • The location of sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines etc. that will be affected by the facility and its associated infrastructure; • Substation(s) and/or transformer(s) sites including their entire footprint; • Connection routes (including pylon positions} to the distribution/transmission network; • All existing infrastructure on the site, especially roads; • Buffer areas; • Buildings, including accommodation; and • All "no-go" areas. <p>iii. A map combining the final Layout Plan superimposed (overlain) on the environmental sensitivity map must also be included in the final EIAr.</p>	<p>All available biodiversity data and infrastructure (proposed and existing) is presented.</p> <p>The proposed position of the pylons would only be determined at a later stage. The specialists assessed impacts and identified sensitive areas within a 300 m corridor for the grid connection options.</p> <p>Fig 12.1 Environmental Sensitivity Map contains the final site layout plan overlain on the environmental sensitivity map.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>(d) Cumulative Impact Assessment</p> <p>i. The EIA must include a cumulative impact assessment of the facility if there are other similar facilities within a 30km radius of the proposed development site. The specialist studies e.g. biodiversity, visual, heritage etc. in the plan of study for EIA (PoSEIA) which is incorporated as part of the scoping report (SR) must also assess the facility in terms of potential cumulative impacts. The cumulative impact assessment for all identified and assessed impacts must indicate the following:</p> <ul style="list-style-type: none"> • Identified cumulative impacts must be clearly defined, and where possible the size of the identified impact must be quantified and indicated, i.e. hectares of cumulatively transformed land; • Detailed process flow and proof must be provided, to indicate how the specialist's recommendations, mitigation measures and conclusions from the various developments in the area were taken into consideration in the assessment of cumulative impacts; • Identified cumulative impacts associated with the proposed development must be rated with the significance rating methodology approved with the acceptance of the scoping report; • The cumulative impact significance rating must also inform the need and desirability of the proposed development; and • A cumulative impact environmental statement on whether the proposed development must proceed. 	<p>The EIA Report includes cumulative assessment for similar facilities within a 35 km radius. Depending on the specialist study this 35 km radius was increased to determine the full extent of cumulative impacts.</p> <p>All specialist studies assess cumulative impacts associated with the proposed development. The cumulative impacts are clearly defined and quantified where possible. Process flow and proof of the steps taken to assess cumulative impacts is provided and significance of the identified impacts is rated using approved methodology. Need and Desirability of the proposed development takes into account the regional context and cumulative impacts. The Impact Statement provided includes an assessment of the cumulative impacts.</p>
				<p>(e) Specialist Declaration of Interest</p> <p>i. Specialist Declaration of Interest forms must be attached to the final EIA. You are therefore requested to submit original signed Specialist Declaration of Interest forms for each specialist study</p>	<p>Each specialist report includes an original signed declaration of interest.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				conducted. The forms are available on Department's website (please use the Department's template).	
				<p>(f) Undertaking of an Oath</p> <p>i. Please note that the final EIAr must have an undertaking under oath/ affirmation by the EAP.</p> <p>ii. Based on the above, you are therefore required to include an undertaking under oath or affirmation by the EAP (administered by a Commissioner of Oaths) as per Appendix 3 of the NEMA EIA Regulations, 2014, as amended, which states that the EIAr must include:</p> <p><i>"an undertaking under oath or affirmation by the EAP in relation to:</i></p> <ol style="list-style-type: none"> i. <i>the correctness of the information provided in the reports;</i> ii. <i>the inclusion of comments and inputs from stakeholders and I&APs;</i> iii. <i>the inclusion of inputs and recommendations from the specialist reports where relevant;</i> and iv. <i>any information provided by the EAP to interested and affected parties and any responses by the EAP to comments or inputs made by interested and affected parties".</i> 	An undertaking under oath by the EAP is included in the EIA Report.
				<p>(g) Details and Expertise of the EAP</p> <p>i. You are required to include the details and expertise of the EAP in the EIAr, including a curriculum vitae, in order to comply with the requirements of Appendix 3 of the NEMA EIA Regulations, 2014, as amended.</p>	The details and expertise of the EAP is included in the EIA Report, in the form of a CV.
				<p>(h) Public Participation Process</p> <p>i. The following information must be submitted with the final EIAr:</p> <ul style="list-style-type: none"> • A list of registered interested and affected parties as per Regulation 42 of the NEMA EIA Regulations, 2014, as amended; • Copies of all comments received during the draft EIAr comment period; and 	A list of I&APs, copies of all comments received and a comments and response report has been include as part of the EIA Report. Proof of all correspondence is also included. All comments received during the public review and comment period have been addressed.

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<ul style="list-style-type: none"> • A comment and response report which contains all comments received and responses provided to all comments and issues raised during the public participation process for the draft EIAr. Please note that comments received from this Department must also form part of the comment and response report. ii. Please ensure that all issues raised and comments received during the circulation of the draft EIAr from registered I&APs and organs of state which have jurisdiction (including this Departments Biodiversity Section) in respect of the proposed activity are adequately addressed in the final EIAr. iii. Proof of correspondence with the various stakeholders must be included in the final EIAr. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments. The Public Participation Process must be conducted in terms of Regulation 39, 40, 41, 42, 43 & 44 of the EIA Regulations 2014, as amended. 	
				<p>(i) Environmental Management Programme</p> <ul style="list-style-type: none"> i. The EMPr must also include the following: <ul style="list-style-type: none"> • All recommendations and mitigation measures recorded in the EIAr and the specialist studies conducted. • An environmental sensitivity map indicating environmental sensitive areas and features identified during the assessment process. • Measures to protect hydrological features such as streams, rivers, pans, wetlands, dams and their catchments, and other environmental sensitive areas from construction impacts including the direct or indirect spillage of pollutants. 	<p>The environmental sensitivity map provides all specialist constraints and features identified on the proposed site overlain by the Site Layout Plan and is included in the EMPr.</p> <p>Measures for protection of hydrological features are included in the EMPr.</p> <p>The EMPr complies with Appendix 4 of the EIA Regulations 2014, as amended.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				ii. In addition to the above, the EMPr must comply with Appendix 4 of the EIA Regulations, 2014, as amended.	
			General	Please note that the final EIAr must comply with <u>all conditions of the acceptance of the scoping report (SR) signed on 15 May 2019</u> , and must address all comments contained in the FSR and this letter.	The final EIAr complies with all conditions of the acceptance of the scoping report (SR) signed on 15 May 2019, and has addressed all comments contained in the FSR and this letter.
				The EIAr must provide the technical details for the proposed facility in a table format as well as their description and/or dimensions. A sample of the minimum information required is listed under point 2 of the EIA information required for solar energy facility as requested in the acceptance of the SR.	Technical details for the proposed facility as well their description and/or dimensions are provided in the DEA table format in the EIAr.
				Please also ensure that the final EIAr includes the period for which the Environmental Authorisation is required and the date on which the activity will be concluded as per Appendix 3 of the NEMA EIA Regulations, 2014, as amended.	The period for which environmental authorisation is required is included on the EIA Report. Regarding the date on which the activity will be concluded, it cannot not be determined at this time, as the development is subject to the REIPPPP. The conclusion of the activity will only be determined, once the project is awarded preferred bidder and after financial close. It is estimated that the activity will be concluded approximately 24 months from commencement. Thereafter the project will proceed to the operational phase, which is estimated to last approximately 20 - 30 years.
				You are further reminded to comply with Regulation 23(1)(a) of the NEMA EIA Regulations, 2014, as amended, which states that: <i>"The applicant must within 106 days of the acceptance of the scoping report submit to the competent authority - (a) an environmental impact assessment report inclusive of any specialist reports, and an EMPr, which must have been subjected to a public participation process of at least 30 days and which reflects the</i>	This applicant complies with this regulation. The report will be submitted within the timeframes required as per the NEMA EIA Regulations 2014, as amended.

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p><i>incorporation of comments received, including any comments of the competent authority."</i></p> <p>Should there be significant changes or new information that has been added to the EIAr or EMPr which changes or information was not contained in the reports or plans consulted on during the initial public participation process, you are required to comply with Regulation 23{1}{b} of the NEMA EIA Regulations, 2014, as amended, which states: <i>"The applicant must within 106 days of the acceptance of the scoping report submit to the competent authority - (b) a notification in writing that the reports, and an EMPr, will be submitted within 156 days of acceptance of the scoping report by the competent authority, or where regulation 21(2) applies, within 156 days of receipt of application by the competent authority, as significant changes have been made or significant new information has been added to the environmental impact assessment report or EMPr, which changes or information was not contained in the reports or plans consulted on during the initial public participation process contemplated in subregulation (1)(a) and that the revised environmental impact assessment report or EMPr will be subjected to another public participation process of at least 30 days".</i></p> <p>Should you fail to meet any of the timeframes stipulated in Regulation 23 of the NEMA EIA Regulations, 2014, as amended, your application will lapse.</p> <p>You are hereby reminded of Section 24F of the National Environmental Management Act, Act No. 107 of 1998, as amended, that no activity may commence prior to an Environmental Authorisation being granted by the Department. Mr Sabelo Malaza Chief Director: Integrated Environmental Authorisations Department of Environmental Affairs</p>	<p>No significant changes or new information has been added to the EIAr or EMPr. Amendments made from Draft EIA Report to Final EIA Report are provided at the start of this report (Page i - ii).</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				Signed by: Mr Coenrad Agenbach Designation: Deputy Director: Priority Infrastructure Projects Date: 16/08/2019	
20	Nazley Towfie juwi Renewable Energies (Pty) Ltd	5 March 2019 Email	Draft Scoping Phase	<p>From: Towfie, Nazley [mailto:nazley.towfie@juwi.co.za] Sent: Tuesday, March 5, 2019 13:28 To: PaulPuts <paulputs@arcusconsulting.co.za>; Lydia Cape <lydia@gaeenviro.co.za> Subject: RE: Request to be registered as an I&AP</p> <p>Good Afternoon Aneesah, Thank you for the information, much appreciated. Could you please share with me a google earth file of the proposed layout depicted in the scoping study?</p> <p>Kind Regards Ms Nazley Towfie M.Sc.(Phys) Project Development Manager · Wind & Solar Tel. +27. (0)21. 831 6131 · Cel. +27. (0)78. 019 9357 · Fax. +27. (0)21. 831 6199 · nazley.towfie@juwi.co.za juwi Renewable Energies (Pty) Ltd · 24th Floor · Metropolitan Centre · 7 Walter Sisulu Avenue · Foreshore · Cape Town · 8001 · South Africa · www.juwi.co.za Managing Director: Greg Austin · Registration number: 2010/017943/07</p>	<p>From: PaulPuts Sent: Tuesday, March 5, 2019 16:45 To: 'Towfie, Nazley' <nazley.towfie@juwi.co.za>; Lydia Cape <lydia@gaeenviro.co.za> Subject: RE: Request to be registered as an I&AP</p> <p>Dear Nazley Please find attached google earth file of the proposed layout at Scoping Phase.</p> <p>Kind Regards Aneesah Alwie Public Participation Assistant, South Africa</p>
21	Magdalena Kataryna Michalowska Building Energy South Africa (PTY) LTD	6 March 2019 Email	Draft Scoping Phase	<p>From: Magdalena Kataryna Michalowska [mailto:m.michalowska@buildingenergy.it] Sent: Wednesday, March 6, 2019 14:55 To: PaulPuts <paulputs@arcusconsulting.co.za> Cc: Magdalena Kataryna Michalowska <m.michalowska@buildingenergy.it> Subject: Registration as an I&AP for Paulputs WEF - 06 March 2019</p> <p>Good day,</p>	<p>From: PaulPuts Sent: Wednesday, March 6, 2019 15:58 To: 'Magdalena Kataryna Michalowska' <m.michalowska@buildingenergy.it> Subject: RE: Registration as an I&AP for Paulputs WEF - 06 March 2019</p> <p>Good Day Magdalena</p> <p>Thank you for your email. I have included you as an I&AP for the Paulputs WEF.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>Please could you kindly register me as an I&AP for the Paulputs WEF and associated infrastructure Project with Arcus Reference No: 3073 Paulputs WEF EIA. The reason for my registration is so that I can keep informed about any new potential renewable energy projects.</p> <p>Regards, Magdalena Michalowska - Environmental, Legal Compliance Manager Africa & Middle East Mob: +27 72 212 1531 / +27 76 254 9224- Skype: m.michalowska@buildingenergy.it Office: +27 21 418 3940 Fax: +27 86 297 5902 Building Energy South Africa (PTY) LTD 14th Floor, Pier Place, Heerengracht Street Foreshore, Cape Town, 8001. SOUTH AFRICA www.buildingenergy.it</p>	<p>Kind Regards</p> <p>Aneesah Alwie Public Participation Assistant, South Africa</p>
22	<p>Sonet Du Plooy</p> <p>Daily Tenders Department</p> <p>Leads 2 Business</p>	<p>27 March 2019</p> <p>Email</p>	<p>Draft Scoping Phase</p>	<p>From: Sonet Du Plooy [mailto:SonetD@l2b.co.za] Sent: Wednesday, March 27, 2019 9:42 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: Paulputs Wind Energy Facility Dear Aneesah,</p> <p>Your company is currently conducting a Basic Impact Assessment for the establishment of a proposed Development of 85 wind turbines to be known as Paulputs Wind Energy Facility. Please could you forward me the BID for this application and register me as a Interested & Affected party? Thanking you in anticipation of a favourable response. Kind Regards Sonet Du Plooy Daily Tenders Department Leads 2 Business (www.L2B.co.za) Tel: 0860 836337 0860 TENDER Fax: 033 3435882</p>	<p>From: PaulPuts Sent: Wednesday, March 27, 2019 12:17 To: 'Sonet Du Plooy' <SonetD@l2b.co.za> Subject: RE: Paulputs Wind Energy Facility</p> <p>Dear Sonet Thank you for your email. The EIA process being followed is currently in the Scoping Phase. The Draft Scoping Report was made available for public review and comment from the 19 February 2019 to the 20 March 2019 (both days inclusive). You are welcome to visit our website: www.arcusconsulting.co.za to review the Draft Scoping Report. You have been added as an I&AP and will receive all communication going forth. Kind Regards Aneesah Alwie Public Participation Assistant, South Africa</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
23	Karen Clark Regional Content Researcher Leads 2 Business	3 April 2019 Email	Final Scoping Phase	<p>From: Karen Clark [mailto:KarenC@l2b.co.za] Sent: Wednesday, April 3, 2019 9:23 To: PaulPuts <paulputs@arcusconsulting.co.za> Cc: Sonet Du Plooy <SonetD@L2B.co.za> Subject: Re: Notification of Submission of Final Scoping Report for the Proposed Paulputs WEF Northern Cape</p> <p>Good day, Thank you for your email. Please kindly remove any previous Leads2Business contacts (including myself) from your list of I&APs and add Sonet Du Plooy (copied). Thank you so much and have a great day. Kind Regards, Karen Clark Regional Content Researcher Leads 2 Business (www.L2B.co.za) Tel: 033 343 1130 or 0860 836337 (0860 TENDER) Fax: 033 343 5882</p>	<p>From: PaulPuts Sent: Thursday, April 4, 2019 13:46 To: 'Karen Clark' <KarenC@l2b.co.za> Subject: RE: Notification of Submission of Final Scoping Report for the Proposed Paulputs WEF Northern Cape</p> <p>Good Day Karen</p> <p>Thank you for your email. Sonet has been added as an I&AP during the FSR Phase. We will remove all other Leads2Business contacts.</p> <p>Kind Regards</p> <p>Aneesah Alwie Public Participation Assistant, South Africa</p>
24	Thobekile Zungu DEA: Biodiversity Conservation	26 April 2019	Final Scoping Phase	<p>From: Thobekile Zungu [mailto:tzungu@environment.gov.za] Sent: Friday, 26 April 2019 15:07 To: Ashlin Bodasing <AshlinB@arcusconsulting.co.za> Cc: Seoka Lekota <SLekota@environment.gov.za> Subject: 14/12/16/3/3/2/1120</p> <p>Good day, Please find the attached comments from DEA: Biodiversity Conservation. Kind regards Thobekile Zungu DEA: Biodiversity Conservation 0123999477</p>	<p>The EAP acknowledges Comments on the Final Scoping Report received from DEA: Biodiversity Conservation, letter dated 26 April 2019. Comments responded to below.</p>
Email attachment				<p>Reference: 14/12/16/3/3/2/1120 Enquiries: Ms Thobekile Zungu/Mr Seoka Lekota Telephone: 012-399 9477 E-mail: slekota@environment.gov.za</p>	<p>Comments received and responded to point by point below.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>Ashlin Bodasing Arcus Consultancy Services Office 220 Cube Workspace Cnr Long street & Hans Strijdom road CAPE TOWN 8001 Telephone Number: +27 (21) 412 1529 Email Address: ashlinb@arcusconsulting.co.za PER E MAIL Dear Ashlin, COMMENTS ON THE FINAL SCOPING REPORT FOR THE PROPOSED PAULPUTS WIND ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE INCLUDING GRID CONNECTION, NORTHERN CAPE PROVINCE. The directorate: Biodiversity Conservation reviewed and evaluated the above-mentioned report and recommends the following to be considered during the DEIR phase:</p>	
				<ul style="list-style-type: none"> • A site inspection must be conducted with DENC after submission of the Draft Environmental Impact Assessment Report; 	<p>Site inspection will be conducted with DENC after submission of the Draft EIA Report.</p>
				<ul style="list-style-type: none"> • The site layout must be designed in a way that avoid all sensitive areas such as wetlands and protected/listed plant species; 	<p>All very high sensitivity (no-go) areas identified by the Ecological Specialist including wetlands have been avoided by the updated site layout. High sensitivity areas identified by the Ecological Specialist have been avoided by turbine placement, however there are road, cable and powerline crossings across high sensitivity watercourses across site. In this regard the Ecology Impact Assessment (Volume III) states: <i>'A number of higher sensitivity areas have identified in the area and these should be avoided as much as possible. The final development footprint within the different sensitivity categories are well-within the stated limits of acceptable change and as such, there are no fatal flaws in this regard and the development is considered acceptable from an ecological perspective.'</i> The Ecology Impact Assessment assessed the construction phase <i>'Impacts on vegetation and plant species of conservation concern'</i> to</p>


Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
					<p>be of Medium significance with the mitigation measures provided, and further states: <i>'Under the layout assessed...recommendations have been met and the development would have low impact on the higher sensitivity features of the site. In terms of the limits of acceptable change...the footprint within each sensitivity category is well within the previously stated limits. As such, there are no limits of acceptable change that have been exceeded and no fatal flaws associated with the development in this regard.'</i></p>
				<ul style="list-style-type: none"> Permits must be acquired to disturb or remove all the protected and listed plant species on site; 	<p>As per Ecological Impact Assessment (Volume III) report: <i>'All relevant clearing or translocation permits must be obtained before construction starts.'</i></p> <p>A further ecological mitigation to be implemented is <i>'Pre-construction walk-through of the development footprint to locate and identify protected species within the development footprint.'</i></p>
				<ul style="list-style-type: none"> The recommendations in the Ecological, Avifauna and Bats assessment specialist reports must be implemented and adhered to. <p>The overall biodiversity objective is to minimise loss to biodiversity as possible. Therefore, in order to achieve this objective the above mentioned recommendations must be adhered to.</p> <p>Yours Faithfully Mr Stanley Tshitwamulomani Acting Director: Biodiversity Conservation Department of Environmental Affairs Date: 26/04/2019</p>	<p>All recommendations provided by the Ecology, Avifauna and Bat Specialists have been / will be implemented and adhered to.</p> <p>The EAP further acknowledges <i>'The overall biodiversity objective is to minimise loss to biodiversity as possible'</i> and the signature provided.</p>
-	<p>Thobekile Zungu</p> <p>DEA: Biodiversity Conservation</p>	<p>19 August 2019</p>	<p>Draft EIA Phase</p>	<p>From: Thobekile Zungu [mailto:tzungu@environment.gov.za] Sent: Monday, August 19, 2019 16:02 To: Ashlin Bodasing <AshlinB@arcusconsulting.co.za>; paulputs <paulputs@arcusconsulting.co.za> Cc: Seoka Lekota (sflekota@gmail.com) <sflekota@gmail.com>; Portia Makitla</p>	<p>The EAP acknowledges comment received from DEA DEFF: Biodiversity Conservation - comments are responded to point by point below.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p><PMakitla@environment.gov.za> Subject: 14/12/16/3/3/2/1120</p> <p>Good day,</p> <p>Please find the attached comments from DEFF: Biodiversity Conservation directorate.</p> <p>Kind regards Thobekile Zungu Department of Environment, Forestry & Fisheries Environment House, 473 Steve Biko Road, Arcadia, Pretoria, 0083 Tel: +27 12 399 9477 Cell: 083 546 7412 Email: tzunqu@environment.gov.za</p>	
			Email attachment	<p>Reference: 14/12/16/3/3/2/1120 Enquiries: Ms Thobekile Zungu/Mr Seoka Lekota Telephone: 012-399 9573 E-mail: slekota@environment.gov.za</p> <p>Ashlin Bodasing Arcus Consultancy Services Office 220 Cube Workspace Cnr Long Street & Hans Strijdom road CAPE TOWN 8001 Telephone Number: +27 (21) 412 1529 Email Address: ashlinb@arcusconsulting.co.za PER E-MAIL</p> <p>Dear Ashlin</p> <p>COMMENTS ON THE DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT (DEIR) FOR THE PROPOSED PAULPUTS WIND ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE</p>	<p>The EAP acknowledges that the DEA Directorate: Biodiversity Conservation is not in-support of the proposed development due to the presence of a CBA 1 within the site. The Fauna and Flora Impact Assessment (Volume III) assessed the impact of the proposed development on the CBA 1 within the site as Low significance and provided the following: <i>'...development within the CBA area is considered acceptable from an ecological stand point. However, as this area still contributes to meeting targets, represents habitat for Aloidendron dichotomum and is currently in a moderate condition, the overall extent of the development footprint in this area should be limited.'</i>; and <i>'...the overall footprint within the CBA is low and the overall ecological functioning of the CBA would not be compromised by the development. As such, the impact of the development on that part of the site which is a CBA is considered acceptable.'</i></p>

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				<p>INCLUDING GRID CONNECTION, NORTHERN CAPE PROVINCE</p> <p>The Directorate: Biodiversity Conservation reviewed and evaluated the above-mentioned report. It was noted that a part of the proposed development falls within the Critical Biodiversity Area category 1. Therefore, the Directorate is not in-support of the proposed development due to the following reasons:</p>	<p>With regards to the proposed development footprint located within the CBA 1, the Fauna and Flora Impact Assessment (Volume III) states: <i>`The final development footprint within the CBA is estimated at 15 ha which is within the recommended 20 ha footprint limit provided to the developer for this area and as such is considered acceptable.`</i></p> <p>Relevant extracts with regard to the CBAs on site from comment provided by Northern Cape Department Environment and Nature Conservation (DENC) subsequent to the site visit conducted on 19 August 2019 are provided below:</p> <ul style="list-style-type: none"> • <i>`The site visit revealed that individuals of this protected species [Aloidendron dichotomum] - mostly juvenile size - do in fact occur, but that they are scattered and in very low densities. The species in fact occurs in low densities over a wider area than the CBA1 mapping unit, but similarly in low densities.`</i>; • <i>`The layout plan for the position of wind turbines have already considered the location of drainage lines, the volcanic "koppies" and the mountainous ridge to the southwest (buffered), and has been adjusted accordingly. The developer and EAP indicated that due to the homogenous nature of the landscape in the project area there is a fair amount of flexibility possible to avoid any environmental sensitivities. The developer should therefore be able to avoid A. dichotomum trees.`</i>; and • <i>`Based on the cursory inspection of the area it is difficult to justify the presence of the CBA1 polygon within the project area, as there are no major environmental sensitivities present except for the low density presence of some protected plants species (which also occur in the surrounding landscape). In fact, the CBA 2 designation for the surrounding hills outside of the project area are</i>

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					<p><i>arguably of higher sensitivity. The presence of species of conservation concern is a valuable variable used in the CBA designation methodology, but this case shows that it could be interpreted on a case specific basis, in terms of species conservation status (Vu), the presence of the species and habitats over the larger landscape.'</i></p> <p>DENC comment concluded that '<i>... the environmental sensitivities over the project area is adjudged to be low for this development...</i>'</p>
				<ul style="list-style-type: none"> A sensitive layout plan on the report does not show all highly sensitive areas such as CBA's and rocky outcrops; 	<p>The Environmental Sensitivity Map (Figure 12.1) provides constraints for the proposed development i.e. No-Go Areas for turbines only or No-Go Areas for turbines and other infrastructure. The Fauna and Flora Impact Assessment (Volume III) assessed the impact on CBAs to be of Low significance with mitigation and provided the following motivation summary:</p> <p><i>'A part of the site is located within a CBA 1, which raises the suitability of development within this part of the site into question. Correspondence with Northern Cape Department of Nature Conservation (DENC) indicates that this area has been identified as a CBA based on the presence of Aloidendron dichotomum within the site. This species was confirmed present at the site at a low density, both within and outside of the area demarcated as a CBA. With the appropriate avoidance, direct impact on this species can be well-mitigated. Although the development would result in some habitat loss across the site, this is not likely to affect the local population of Aloidendron dichotomum. A more direct threat would likely be poaching and harvesting of young trees by construction or operational phase personnel on the site. Specific mitigation should be implemented during construction and operation to reduce this risk, including setting up and implementing a long-term population monitoring programme within the site for this species. The final development footprint within the CBA is</i></p>

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					<p><i>estimated at 15 ha which is within the recommended 20 ha footprint limit provided to the developer for this area and as such is considered acceptable.'</i></p> <p>As the CBA 1 within the site is not considered a No-Go Area, but rather an area where the proposed development footprint should be restricted to less than 20 ha, the CBAs were not displayed on Figure 12.1. Environmental Sensitivity Map. The CBAs are provided in the Fauna and Flora Impact Assessment (Volume III) Figure 11 - Critical Biodiversity Areas and Figure 13 - Ecological Sensitivity.</p> <p>All rocky outcrops identified on site by the Ecological Specialists have been buffered by 200 m and mapped as No-Go Areas for turbines on Figure 12.1. Environmental Sensitivity Map. No turbines are located within the rocky outcrop No-Go Areas.</p>
				<ul style="list-style-type: none"> The proposed development will pose a threat to the protected <i>Aloidendron dichotomum</i>, unless an effective long-term population monitoring programme is developed and submitted to this Directorate and Department of Environment and Nature Conservation for review. 	<p>The EAP has included the requirement for an effective long-term population monitoring programme as a Condition to be Included in the Environmental Authorisation - Volume I Final EIA Report Section 12.2.5 Flora and Terrestrial Fauna - copied below: <i>'Specific mitigation should be implemented during construction and operation to reduce the risk of poaching or harvesting on the local population of Quiver Trees (Aloidendron dichotomum), including implementation of a long-term population monitoring programme within the site for this species. Should the development be authorised and awarded preferred bidder an effective long-term population monitoring programme must be submitted to Directorate and Department of Environment and Nature Conservation for review.'</i></p> <p>Guidelines for the proposed <i>Aloidendron dichotomum</i> monitoring programme has been provided by the Ecological Specialist in the Fauna and Flora Impact</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>The overall biodiversity conservation objective is to minimise loss to biodiversity as much possible. Yours faithfully</p> <p></p> <p>Mr Seoka Lekota Biodiversity Officer Control Gr B: Biodiversity Conservation Department of Environmental affairs Date:19-08-2019</p>	<p>Assessment (Volume III) and included in the EMPr (Volume I).</p> <p>The EAP acknowledges the signature provided and the objective of the Directorate to '<i>minimise loss to biodiversity as much possible.</i>'</p> <p>The EAP suggests that representatives of the Biodiversity Conservation Department of Environmental Affairs attend a site visit to further discuss the biodiversity conservation aspects of the project, including the presence of CBAs and <i>Aloidendron dichotomum</i> on site.</p> <p>Northern Cape Department Environment and Nature Conservation (DENC) had similar concerns to the DEA: Biodiversity Conservation with respect to the presence of CBAs and <i>Aloidendron dichotomum</i> on site. DENC conducted a site visit on 19 August 2019 and provided comment - responded to in this table below (Volume II). Further liaison with DENC regarding potential biodiversity aspects of the proposed development is thus also encouraged.</p> <p>DENC comment states that '<i>Based on the cursory inspection of the area it is difficult to justify the presence of the CBA1 polygon within the project area, as there are no major environmental sensitivities present except for the low density presence of some protected plants species (which also occur in the surrounding landscape).</i>'</p> <p>With regard to the CBA on site the Fauna and Flora Impact Assessment (Volume III) concludes: '<i>The final development footprint within the CBA is estimated at 15 ha which is within the recommended 20 ha footprint limit provided to the developer for this area and as such is considered acceptable.</i>'</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
25	Deon le Roux Gemini Mining and Exploration (Pty) Ltd	29 May 2019 Email	Final Scoping Phase	<p>From: dmleroux@lantic.net [mailto:dmleroux@lantic.net] Sent: Wednesday, May 29, 2019 10:02 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: DEA Ref. No.: 14/12/16/3/3/2/1120</p> <p>Ashlin Bodasing</p> <p>I only found out about the planned windfarm this morning, when I saw your Final Scoping Report at the Khai-Ma Municipality. Your public participation was incomplete, as my Company, Gemini Mining and Exploration (Pty) Ltd, with a prospecting right (NCS 10420PR) on the adjacent farms - Oup 80, Lower Zwart Modder 79 and Upper Zwart Modder 78 - was never consulted as an affected and interested party. This information is freely available at the Department Mineral Resource.</p> <p>Section 7 of the Scoping Report (Geology etc.) touch the geology superficially and ignores the consequences of the proposed windfarm on potential mining, i.e. the sterilization of mineral resources.</p> <p>I strongly object against your incomplete EIA process and this proposed windfarm. D.M. le Roux</p>	<p>From: PaulPuts <paulputs@arcusconsulting.co.za> Sent: Monday, 10 June 2019 12:03 To: dmleroux@lantic.net Subject: RE: DEA Ref. No.: 14/12/16/3/3/2/1120</p> <p>Dear DM le Roux</p> <p>Thank you for the email received on 29 May 2019 following distribution of the Paulputs Wind Energy Facility (WEF) and Grid Connection Final Scoping Report on 02 April 2019. Your comment has been received and will be included as part of the Comments and Responses Report for the proposed development.</p> <p>Comment from Gemini Mining and Exploration (Pty) Ltd, with prospective right on `Oup 80, Lower Zwart Modder 79 and Upper Zwart Modder 78`, is acknowledged and Gemini Mining and Exploration (Pty) Ltd has been registered as an Interested and Affected Party (I&AP).</p> <p>The Public Participation Process (PPP) followed by Arcus Consultancy Services SA (Pty) Ltd ('Arcus') for the proposed Paulputs WEF and Grid Connection is being conducted as per the requirements of Regulation 41, 42, 43 and 44 of GN R. 326 in the Environmental Impact Assessment (EIA) Regulations 2014 as amended, promulgated under Section 24 (5) of the National Environmental Management Act (Act 107 of 1998 - NEMA) as amended. The first stage of public consultation was undertaken during the initial notification phase. Advertisements were placed in the local <i>Gemsbok</i> newspaper and provincial <i>Die Burger</i> newspaper; site notices were erected on the site and written notices were sent out to the affected landowners, surrounding landowners and occupiers of the site as well as to key stakeholders and organs of state. Following the initial phase, notification of the availability of the Scoping Report were sent out to all registered I&APs during the</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
					<p>scoping phase. The objective of the Scoping phase PPP was to inform the National, Provincial and local Government Authorities, relevant public, private sector entities, NGOs and local communities about the project and capture their initial views and issues of concern that is important for the formulation of a plan of study, and to allow the public to register as I&APs.</p> <p>The Department of Mineral Resources and landowners, registered I&APs since initial notification phase, did not notify / advise us of Gemini Mining and Exploration (Pty) Ltd rights in terms of prospecting (NCS 10420PR) that you have now made us aware of.</p> <p>With reference to the Geology Section of the Final Scoping Report, the EAP liaised with the Geotechnical Specialist to assess the '<i>consequences of the proposed windfarm on potential mining, i.e. the sterilization of mineral resources</i>'. The geologist advised that construction and operation of the proposed wind energy facility will have negligible impact on mineral resources of adjacent farms.</p> <p>To date, the Final Scoping Report has been submitted to the competent authority, the Department of Environmental Affairs (DEA), and was accepted on 15 May 2019. The applicant must, within 106 days of acceptance of the scoping report, submit the Final Environmental Impact Assessment (EIA) Report to the DEA.</p> <p>The Draft EIA Report will be made available for public review and all comments received will be responded to and provided to the DEA in the Final EIA Report. You will therefore have further opportunity to make comment if required as part of this process before a final decision is reached on the outcome of the application.</p>

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				<p>region. Then you would have been able to contact me before.</p> <p>The name of your project is misleading, as there is a farm named "Paul-se-Puts" further south. If the project was named after the relevant farms, Lucasvlei or Scuitklip, then I would have paid better attention to your notices.</p> <p>Kind regards Deon le Roux</p>	
-	Deon le Roux Gemini Mining and Exploration (Pty) Ltd	15 June 2019 Email	Final Scoping Phase	<p>From: dmleroux@lantic.net <dmleroux@lantic.net> Sent: Saturday, 15 June 2019 08:32 To: 'PaulPuts' <paulputs@arcusconsulting.co.za> Subject: RE: DEA Ref. No.: 14/12/16/3/3/2/1120</p> <p>Dear M. Alwie</p> <p>Please send me a copy of the unabridged (raw geochemical, geophysical and drilling data, geological interpretations and conclusions) independent CPR (Competent Person Report) on the Mining Potential of Lucasvlei, Scuitklip and environs, as well as the CV (curriculum vitae) of the CP (Competent Person) as a matter of urgency.</p> <p>Thank you in anticipation! Kind regards D.M. le Roux I&AP</p>	An unabridged (raw geochemical, geophysical and drilling data, geological interpretations and conclusions) independent CPR (Competent Person Report) on the Mining Potential of Lucasvlei, Scuitklip and environs' does not form part of the scope of this EIA.
-	Deon le Roux Gemini Mining and Exploration (Pty) Ltd	18 June 2019 Email	Final Scoping Phase	<p>From: dmleroux@lantic.net [mailto:dmleroux@lantic.net] Sent: Tuesday, June 18, 2019 11:36 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: FW: DEA Ref. No.: 14/12/16/3/3/2/1120</p> <p>Dear M. Alwie</p>	The EAP acknowledges the follow-on comment received from D.M le Roux of Gemini Mining and Exploration (Pty) Ltd. As stated above assessment of the mining potential of the proposed site - 'in this instance magmatic ore deposits (e.g. platinum in the Bushveld Igneous Complex)' - does not fall within the scope of this EIA.

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>I have studied the specialist reports found at the Khai-Ma Municipality. Mr. Lodenkemper is certainly a "Competent Person" w.r.t. engineering geology. His report dealt with the foundation conditions and can not be faulted.</p> <p>The sterilization of mineral resources received no mention in the scoping report. A "Competent Person" as per definition is a suitably qualified geologist with adequate (>5 years) experience of mining/exploration in a particular field of economic geology, in this instance magmatic ore deposits (e.g. platinum in the Bushveld Igneous Complex). The compilers of the Scoping Report neglected to acquire information on prospecting rights from the Northern Cape Department of Mineral Resources.</p> <p>I shall provide the required geological input in my comments on the final EIA.</p> <p>The CPR requested in my previous letter (below) is no longer required. Kind regards D.M. le Roux</p>	
-	Deon le Roux Gemini Mining and Exploration (Pty) Ltd	16 August 2019 Email	Draft EIA Phase	<p>From: DFM Exploration (Pty) Ltd NC 12382 PR [mailto:dmr.comments@vodamail.co.za] Sent: Friday, August 16, 2019 11:09 To: paulputs <paulputs@arcusconsulting.co.za> Cc: dmleroux@lantic.net Subject: Comments on FSR DEA Reference No. 14/12/16/3/3/2/1120</p> <p>Good Day Please find attach comments on the FSR for the Paulputs WEF. All correspondence in this regard must be directed to the Author of the report attached at dmleroux@lantic.net. Regards</p>	The EAP acknowledges comment received from DFM Exploration (Pty) Ltd and confirms that D.M. le Roux as a Registered I&AP and email address dmleroux@lantic.net will be provided access to the Final EIA Report inclusive of Volume II - Public Participation Report.

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				D.M. le Roux	
			Email Attachment	<p>PAULPUTS WIND ENERGY FACILITY (RF) PTY LTD</p> <p><u>COMMENTS ON FINAL SCOPING REPORT, JULY 2019</u></p> <p>SECTION 53 of the MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT NO. 28 of 2002) 53.1. (1) Subject to subsection (2), any person who intends to use the surface of the land in any way which may be contrary to any object of this Act or which is likely to impede any such object must <u>apply to the Minister for approval in the prescribed manner.</u></p> <p><u>Section 53 of the MPRD Act of 2002 is applicable to the proposed wind energy facility, as mineral resources may be sterilised.</u></p> <p>The SAMRAC CODE sets a required minimum standard for "... reporting on exploration results, mineral resources or mineral reserves, prepared for the purpose of informing investors or potential investors and their advisers..."</p> <p>4.3 "A COMPETENT PERSON is a person who is a member of SACNASP. A COMPETENT PERSON should have a minimum of five years' experience relevant to the style of mineralization and type of deposit under consideration and to the activity which that person is undertaking."</p> <p>In the Geotechnical Report, Mr. Lodenkemper wisely refrained from expressing an opinion on the mining potential of the farms, Scuitklip and Lucasvlei, and correctly restricted himself to foundation stability conditions, which are undoubtedly within his field of expertise.</p>	<p>An application in terms of Section 53 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 Of 2002) (MPRDA) will be submitted to the Minister for approval at a later stage - this application does not fall within the scope of the EIA.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				D.M. le Roux M.Sc., Pr. Sci. Nat SACNASP Registration number: 400036/95	
26	Jonathan Visser Integrated Wind Power	8 July 2019 Email	Final Scoping Phase	<p>From: Jonathan Visser [mailto:jonathanv@iwpower.co.za] Sent: Monday, July 8, 2019 14:14 To: PaulPuts <paulputs@arcusconsulting.co.za> Subject: Please register me as an I&AP</p> <p>Hi Ryan,</p> <p>Please can you add me as an I&AP to the Paulputs project.</p> <p>Kind Regards, Jonathan Visser Integrated Wind Power (Pty) Ltd. Tel: +27 (0) 73 268 7797 Email: jonathanv@iwpower.co.za Website: www.iwpower.co.za</p>	<p>From: PaulPuts Sent: Thursday, July 11, 2019 9:09 To: 'Jonathan Visser' <jonathanv@iwpower.co.za> Subject: RE: Please register me as an I&AP</p> <p>Good Day Jonathan</p> <p>Thank you for your interest and request to be added to the I&AP database.</p> <p>You have been added to the I&AP database for the Proposed Paulputs WEF Development.</p> <p>Kind Regards Aneesah Alwie</p>
27	Nokubonga Ncera Eskom	6 August 2019 Email	Draft EIA Phase	<p>From: Nokubonga Ncera [mailto:nokubonga.ncera@abengoa.com] Sent: Tuesday, August 6, 2019 12:57 To: paulputs <paulputs@arcusconsulting.co.za> Subject: RE: Draft EIA</p> <p>300 MW Paulputs Wind Energy Facility (WEF) and associated Grid Connection,</p> <p>From: Nokubonga Ncera [mailto:nokubonga.ncera@abengoa.com] Sent: Tuesday, August 6, 2019 13:14 To: paulputs <paulputs@arcusconsulting.co.za> Subject: RE: Draft EIA</p> <p>Thank you Aneesah</p>	<p>From: paulputs <paulputs@arcusconsulting.co.za> Sent: Tuesday, August 06, 2019 12:59 PM To: Nokubonga Ncera <nokubonga.ncera@abengoa.com> Subject: RE: Draft EIA</p> <p>Good Day</p> <p>Thank you for your call advising that you cannot locate the Proposed Paulputs documents on the Arcus website. For ease of reference please follow the link below to access the project documents: https://arcusconsulting.co.za/projects/paulputs-wef-and-grid-connection/</p> <p>Kind Regards Aneesah Alwie</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
28	Alpons Unspecified local woman owned construction company	7 August 2019 Email	Draft EIA Phase	<p>From: alphonsus biba [mailto:albiba60@gmail.com] Sent: Wednesday, August 7, 2019 9:46 To: paulputs <paulputs@arcusconsulting.co.za> Subject: Enquiry Local Contractor</p> <p>Good day</p> <p>I saw something about a wind energy project at the Khai Ma municipality office in Pofadder.</p> <p>We are a local woman owned construction company and are interested.</p> <p>Our Company is Camajo Renovation and based in Pofadder at 499 Voottrekker street</p> <p>Hope to hear from you soon</p> <p>Kind regards Alphons</p>	The EAP has registered Camajo Renovation as an Interested and Affected Party (I&AP) - as such all future public correspondence will be provided to the I&AP.
29	Michael Moreland Abengoa	13 and 16 August 2019 Email	Draft EIA Phase	<p>From: Michael Moreland Sent: 13 August 2019 06:58 AM To: paulputs@arcusconsulting.co.za Subject: Pofadder Wind Energy Facility - Draft EIA review</p> <p>Good day</p> <p>I am having difficulty opening a Draft EIA on your website for review. Can you please send me a link or a pdf copy.</p> <p><u>I am interested in the following:</u></p> <ul style="list-style-type: none"> Dust suppression management and monitoring as this can directly impact neighbouring Abengoa projects production 	<p>From: paulputs Sent: Friday, August 23, 2019 13:40 To: Michael Moreland <michael.moreland@abengoa.com> Subject: RE: Pofadder Wind Energy Facility - Draft EIA review</p> <p>Dear Michael</p> <p>Please see below <i>responses</i> to your queries in-line.</p> <p>Link to the Proposed Paulputs WEF and Grid Connection Project Draft EIAR: https://arcusconsulting.co.za/projects/paulputs-wef-and-grid-connection/</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<ul style="list-style-type: none"> Project access roads and traffic management – potential impact on Abengoa staff commuting to site as well as the road conditions Water required for the project – where will the project source water and what are the estimated quantities <p>Thank you in advance Regards Michael Victor Moreland Environmental & Quality Manager</p> <p>From: Michael Moreland [mailto:michael.moreland@abengoa.com] Sent: Friday, August 16, 2019 8:30 To: paulputs <paulputs@arcusconsulting.co.za> Subject: RE: Pofadder Wind Energy Facility - Draft EIA review</p> <p>Good day</p> <p>Any feedback regarding the request below. Thank you in advance</p> <p>Regards Michael Victor Moreland Environmental & Quality Manager ABENGOA Abengoa Solar KaXu & Xina O&M Portion 4 Farm Scuit - Klip 92 - Pofadder - Northern Cape - South Africa Cell: +2774 567 7143 Office: +27 54 933 1213 michael.moreland@abengoa.com</p>	<p>Please note that consultation with your Abengoa colleagues Michelle Hamman and Kudzai Chizanga was undertaken by the Paulputs WEF Applicant during Scoping Phase. This correspondence is provided as Appendix 11 of the Draft EIA Report Volume II and largely addresses your comments below. Furthermore the EMPr requires engagement with Abengoa during construction - EMPr requirements copied here:</p> <ul style="list-style-type: none"> 'The construction of the grid connection must involve consultation with existing neighbouring solar facilities, these consultations must include matters relating to dust, blasting activities and road maintenance. The agreements made between these parties must be incorporated into the updated EMPr.'; and 'The contractor and developer must liaise with nearby solar farms to minimise potential impacts (e.g. minimise dust generation near existing solar farms and prevent damage to roads or other existing infrastructure).' <p>Responses to email below:</p> <ul style="list-style-type: none"> Dust suppression management and monitoring as this can directly impact neighbouring Abengoa projects production <i>Dust suppression will be implemented throughout construction phase as per EMPr requirements. Please find the link to the Paulputs Draft EMPr https://arcusconsulting.co.za/projects/paulputs-wef-and-grid-connection/ with further dust suppression details, specifically 'Section 6.6 Dust Control' and the construction and operation phase mitigation measure - 'Unless there are water shortages, ensure that dust suppression techniques are implemented o on all access roads; o in all areas where vegetation clearing has taken place; and</i>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
					<p><i>o on all soil stockpiles.'</i></p> <ul style="list-style-type: none"> • Project access roads and traffic management – potential impact on Abengoa staff commuting to site as well as the road conditions <p><i>Access to site is planned from the N14. According to the Traffic Impact Assessment 'Staff and worker transport to site is approximately 18 AM and 18 PM peak hour trips to/from site, 2 of which would be buses... These trips would originate in nearby towns such as Pofadder, Kakamas and Keimoes and would have a negligible traffic impact.' The Traffic Impact Assessment further concludes: 'The construction of the Paulputs Wind Energy Project and various other solar PV energy projects planned within 35 km from the site could coincide with the Paulputs WEF and grid construction. The cumulative traffic is not significant considering the road network capacity in the vicinity of the site, but abnormal load and particularly super-load transportation from Saldanha Port should preferably be co-ordinated to limit impact (delay of traffic) on the road network where possible.' A Traffic Management Plan and Transportation Management Plan will also be developed if preferred bidder status is awarded. Guidelines and generic versions of these two plans are provided in the attached Draft EMPr - Section 13 and 14 respectively.</i></p> <ul style="list-style-type: none"> • Water required for the project – where will the project source water and what are the estimated quantities <p><i>Please see extract from Aquatic Impact Assessment: '...water might be abstracted from Orange River and/ or boreholes. GA is not applicable to the relevant catchments and a full WULA process will need to be followed. The WEF will require no more than 26 000 m3 per annum during construction phase and an insignificant quantity of water during the operational phase.'</i></p>



Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
					Please let us know if you have any further queries. Thank you Ryan David-Andersen
30	Khululwa Gaongalelwe Eskom	19 August 2019 Email	Draft EIA Phase	<p>From: Khululwa Gaongalelwe [mailto:StuurmKV@eskom.co.za] Sent: Monday, August 19, 2019 11:21 To: paulputs <paulputs@arcusconsulting.co.za> Cc: Khululwa Gaongalelwe <StuurmKV@eskom.co.za> Subject: FW: Notification of Availability of the Paulputs WEF and Grid Connection Draft EIA Report</p> <p>Good day</p> <p>May you kindly provide us with kmz file so that we may map with existing and proposed Eskom projects in the area and be able to position location of your proposed project.</p> <p>Thanking you. Warm regards</p>	<p>From: paulputs <paulputs@arcusconsulting.co.za> Sent: Monday, 19 August 2019 13:21 To: Khululwa Gaongalelwe <StuurmKV@eskom.co.za> Subject: RE: Notification of Availability of the Paulputs WEF and Grid Connection Draft EIA Report</p> <p>Dear Khululwa</p> <p>Thank you for your email. Please find the attached kmz which shows the Proposed Paulputs site boundary.</p> <p>Thank You Aneesah Alwie</p>
-	Khululwa Gaongalelwe Eskom	20 August 2019 Email	Draft EIA Phase	<p>From: Khululwa Gaongalelwe [mailto:StuurmKV@eskom.co.za] Sent: Tuesday, August 20, 2019 10:22 To: paulputs <paulputs@arcusconsulting.co.za> Cc: Khululwa Gaongalelwe <StuurmKV@eskom.co.za> Subject: RE: Notification of Availability of the Paulputs WEF and Grid Connection Draft EIA Report</p> <p>Good day Aneesah</p> <p>Attached please find the Environmental Authorisation for Aggeneis Paulputs 400kv granted by DEA on the 23 May 2018 and a Map indicating Eskom's approved corridor(in purple) versus yours (in blue)</p>	Correspondence between the Applicant, Eskom and IPPs with regard to the proposed grid connection is provided in Volume II - Appendix 11. The Applicant acknowledges the authorised 400 kV line and will take this into consideration when finalising planning in this area.

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>We thus request that you consider our approval when finalising your planning in this area.</p> <p>Thanking you. Warm regards Khululwa</p>	
Email attachment				<i>Attachments included in Appendix 6 of Volume II</i>	
31	<p>Peter Cloete</p> <p>Production Scientist: Grade A: District Ecologist Northern Cape Department Environment and Nature Conservation</p>	<p>26 August 2019</p> <p>Email</p>	<p>Draft EIA Phase</p>	<p>From: Peter Cloete [mailto:peter.denc87@gmail.com] Sent: Monday, August 26, 2019 8:34 To: Ryan David-Andersen RyanDA@arcusconsulting.co.za Subject: Comments on Paulputs WEF</p> <p>Dear Ryan Please find attached the comments on the Draft EIA report from DENC. As soon as I recieved the signed document I will forward for you r attention.</p> <p>Regards Mr. Peter Cloete (Pr. Sci. Nat.) Production Scientist: Grade A: District Ecologist Northern Cape Department Environment and Nature Conservation C/O Voortrekker and Magasyn Street Springbok 8240 Tel: 027 718 8800</p>	<p>The EAP acknowledges comment received from the Northern Cape Department Environment and Nature Conservation (DENC), following the site visit with DENC on 19 August 2019. Comments are responded to below.</p>
Email attachment				<p>Enquiries : P. Cloete Department Environment and Nature Conservation By email: peter.denc87@gmail.com Date : 23 August 2019 Reference : DEA Ref. 14/12/16/3/3/2/1120 Mr. S. Lekota Biodiversity Officer Control Gr. B: Biodiversity Conservation Private Bag X447 Pretoria 0001</p>	<p>The EAP acknowledges comment received from DENC and the two aspects to note:</p> <ol style="list-style-type: none"> 1. A DENC biodiversity permit will be obtained prior to veld clearance, animal capture and/or transportation; and 2. Future DENC liaison will be conducted through Mr. Ordain Riba (oriba.denc@gmail.com).

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>Attention: Mr. S Lekota</p> <p><u>RE: DRAFT EIA REPORT FOR PAULPUTS WEF AND GRID CONNECTION NEAR POFADDER, KHAI MA LOCAL MUNICIPALITY, NORTHERN CAPE</u></p> <p>Two Aspects to note:</p> <ol style="list-style-type: none"> A DENC biodiversity permit is needed for veld clearance, animal capture and transportation. For developments in Namakwa District Municipality liaise with Mr. Ordain Riba (oriba.denc@gmail.com). 	
				<p>Background</p> <p>The proposed activity is located in a fairly homogenous landscape encompassing Bushmanland Arid Grassland on sandy to shallow sandy substrates. Although variations in landscape topography and habitat exists, none are of great concern except for the drainage line that traverse the area and scattered black "koppies" of volcanic iron rich formations. These two habitats are likely to perform important landscape connectivity and micro-habitat island functions over the landscape. Adjacent to the project area are larger mountainous ridges and inselbergs that are likely to house more unique vegetation assemblages and faunal species. During the site visit a Verreaux's Eagle (<i>Aquila verreauxii</i>) was in fact observed over the mountain ridge to the southwest of the project area. The farmer indicated that it has a nest nearby. A CBA1 polygon has been designated over a portion of the plains of the project area (NC CBA map 2017), which seems to relate to the presence of the Quiver Tree, <i>Aloidendron dichotomum</i> (SANBI species GIS list of species of conservation concern, 2015). The site visit revealed that individuals of this protected species – mostly juvenile size - do in fact occur, but that they are scattered and in very low densities. The species in fact occurs in low densities over a wider area than the CBA1</p>	<p>The Ecological Specialist provided the following Site Sensitivity Assessment in the Fauna and Flora Impact Assessment (Volume III):</p> <p><i>'Diversity of fauna and flora within the site is relatively low and the affected habitats are not considered to be of broader ecological significance as it is typical of the area and is widely available. There are however some protected plant species within the site, most notably, Hoodia gordonii, Aloidendron dichotomum and Boscia foetida subsp. foetida. The abundance of these species within the site is low and is likely that impact on these species can be reduced to a very low level and it is not likely that the local populations of these species would be compromised by the development. The CBA within the site is due to the presence of Aloidendron dichotomum within the CBA planning unit. However, this species is distributed widely across the site and the broader area and is not concentrated or restricted to the CBA. As Aloidendron dichotomum occurs at a very low density within the site, any individuals within the site can be avoided by the footprint of the development.'</i></p> <p>The construction phase <i>'Impacts on vegetation and plant species of conservation concern'</i> is rated as Medium significance with or without mitigation (Volume III Fauna and Flora Impact Assessment).</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>mapping unit, but similarly in low densities. A drainage line also enters the CBA1 polygon. Of potentially greater significance is the occurrence of <i>Boscia albitrunca</i> / <i>Boscia foetida</i> trees and shrubs over the project are. The two species look fairly similar and requires careful designation since <i>B. albitrunca</i> is a Protected Trees species but <i>B. foetida</i> is not. The occurrence density is still fairly low at an estimated 0 – 3 plants per hectare, depending on locality, but the densities are definitely higher than for <i>A. dichotomum</i>. A single plant of the protected <i>Hoodia gordonii</i> was observed, supporting prior impressions that the species is likely to occur. Its presence is however likely to be at very low densities.</p> <p><u>Herewith comments on the scoping and EIA report for the proposed Paulputs Wind Energy Facility</u></p>	<p>The Avifauna specialist provided the following response: <i>'It is agreed that the mountain ridge and larger inselbergs to the south west of the site are more important for birds, particularly Verreaux's Eagle. This species was also observed during the surveys in this area which is off the site, and the nest noted by the farmer is known and is indicated in the specialist report. The nest has been provided with a protective no-turbine buffer of 3 km. The presence of the nest and the possibility Verreaux's Eagle occasionally occurring on the site was considered in the impact assessment for birds.'</i></p> <p>Drainage lines that traverse the area and scattered black "koppies" have been avoided by turbines in the Final Mitigated Layout (Figure 12.1 Environmental Sensitivity Map).</p>
				<p>1. Concern to be noted: The ground truthing of this development (specialist ecologist: fauna and flora reports) reflect the shortcomings of the SEA process during the identification of the REDZ and should be kept in mind for all future developments within the REDZ. The unfortunate consequences of this is that developers incur unexpected impacts findings that has direct financial implications and might render a development less feasible.</p>	<p>The EAP and Applicant acknowledge the perceived SEA shortcomings and will keep this in mind for future projects located within REDZs.</p>
				<p>2. Botanical The layout plan for the position of wind turbines have already considered the location of drainage lines, the volcanic "koppies" and the mountainous ridge to the southwest (buffered), and has been adjusted accordingly. The developer and EAP indicated that due to the homogenous nature of the landscape in the project area there is a fair amount of flexibility possible to avoid any environmental sensitivities. The developer should therefore be able to avoid <i>A. dichotomum</i> trees.</p>	<p><i>Aloidendron dichotomum</i> trees will be avoided through micro-siting of turbines, and <i>Boscia</i> plants will be avoided wherever possible. Further mitigation to reduce impacts on <i>Aloidendron dichotomum</i> provided is the development of an effective long-term monitoring programme, guidelines for which are available in the EMPr and include requirement for approval of the monitoring programme by DENC.</p> <p>The Fauna and Flora Impact Assessment (Volume III) provides further information on the CBA present on site:</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>The greater density of <i>Boscia</i> plants are however of more concern and the degree to which these individuals can be avoided by the turbine footprints as well as the infrastructure connection network. It is recommended that The Department of Agriculture also arrange for a site visit to the property to avail themselves of potential impact and permitting issues.</p> <p>Based on the cursory inspection of the area it is difficult to justify the presence of the CBA1 polygon within the project area, as there are no major environmental sensitivities present except for the low density presence of some protected plants species (which also occur in the surrounding landscape). In fact, the CBA 2 designation for the surrounding hills outside of the project area are arguably of higher sensitivity. The presence of species of conservation concern is a valuable variable used in the CBA designation methodology, but this case shows that it could be interpreted on a case specific basis, in terms of species conservation status (Vu), the presence of the species and habitats over the larger landscape. In my opinion the proposed project would not require a Biodiversity Offset.</p>	<p><i>'Correspondence with Northern Cape Department of Nature Conservation (DENC) indicates that this area has been identified as a CBA based on the presence of Aloidendron dichotomum within the site. This species was confirmed present at the site at a low density, both within and outside of the area demarcated as a CBA. With the appropriate avoidance, direct impact on this species can be well-mitigated. Although the development would result in some habitat loss across the site, this is not likely to affect the local population of Aloidendron dichotomum. A more direct threat would likely be poaching and harvesting of young trees by construction or operational phase personnel on the site. Specific mitigation should be implemented during construction and operation to reduce this risk, including setting up and implementing a long-term population monitoring programme within the site for this species. The final development footprint within the CBA is estimated at 15 ha which is within the recommended 20 ha footprint limit provided to the developer for this area and as such is considered acceptable.'</i></p> <p>The EAP and Applicant will facilitate site visits as required and on request.</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				 <p>Figure 1 Layout of the proposed Paulputs WEF in the context of environmental sensitivities: CBA areas and buffered habitats / sensitivities (the grey-white polygons indicate assessed areas suitable for turbines).</p>  <p>Figure 2 Close-up view of the CBA 1 polygon in the project area showing suitable areas for turbines (green) and against the buffered environmental sensitivities such as drainage lines and volcanic "koppies".</p> <p>The proposed development could significantly affect the following protected plant species: <i>Aloidendron dichotomum</i> (<i>Aloe dichotoma</i>), <i>Hoodia gordonii</i>, <i>Boscia</i></p>	<p>Permits for impacts on protected plant species in terms of national and regional legislation will be obtained where necessary, informed by the pre-construction ecological</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p><i>albitrunca</i>, <i>Boscia foetida</i>. Permits are needed for any damage/removal/ movement/transport of specially protected ((regulation 49(1) (a) and (d)), and protected species ((regulation 50 (1) (a) and (d)) in terms of the Northern Cape Nature Conservation Act. Permits are also needed for instances where indigenous plant species are impacted up to 100m from middle of the roads and rivers ((regulation 51 (1)) or for large scale clearing ((regulation 51 (2)). <i>Hoodia gordonii</i> is protected under NEMBA TOPS legislation and an integrated permit will be required. Since there is a moratorium in force on the removal of <i>Aloidendron dichotomum</i> plants from the wild (Provincial Gazette Extraordinary, 1 April 2005; Gazette 968, No. 3), it is proposed that the GPS locations of <i>Aloidendron dichotomum</i> trees are recorded and the proposed footprint of the PV facilities be revised to avoid any of these trees. Where avoidance is not possible, the ecology specialist must recommend suitable mitigation measures to be implemented (such as transplanting) for the development cycle of the proposed PV project and the relevant authorities must be consulted to consider exemptions i.t.o EA and permits for the removal/ transplant. Only if the entire hierarchy of mitigation options have been exhausted, may the relevant authorities consider exemptions i.t.o EA and permits for the removal or transplant. A pre-construction walk-through would be required to inform permit application.</p>	<p>walk-through. <i>Aloidendron dichotomum</i> trees will be avoided by micro-siting of turbines. Furthermore a long-term <i>Aloidendron dichotomum</i> population monitoring programme will be implemented, guidelines for which are available in the EMPr and include requirement for approval of the monitoring programme by DENC.</p>
				<p>3. Avifauna The area proposed for the Paulputs WEF Facility is home to the Karoo Korhaan (<i>Eupoditis vigorsii</i>) was the only regionally Red Listed species observed. However the report does not explicitly indicate which bird species are most vulnerable to the development. This is of particular concern owing to the conservation status of birdlife in the surrounding area.</p>	<p>The Avifauna Specialist provided the following response: 'Section 5.7.7 [Avifauna Impact Assessment - Volume III] summarises the key findings of the bird surveys and indicates specifically which the key species of concern are. Six red data species that may be vulnerable to development were discussed namely: Karoo Korhaan (Near-threatened), Ludwig's Bustard (Endangered), Verreaux's Eagle (Vulnerable), Lanner Falcon (Vulnerable), Martial Eagle (Endangered) and Slater's</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>It is apparent that, irrespective of which alternative is chosen, there will be bird vulnerability to powerlines. Over the past few years, mitigation measures has been implemented by ESKOM, which reduce the impacts considerably, but do not eliminate the problem.</p> <p>The recommendations made in the Bird Impact Assessment report is supported. The importance of a "walk through" by a qualified specialist once the line and towers have been pegged is vital to determine site specific issues in areas identified as sensitive</p>	<p><i>Lark (Near-threatened). It was stated that Ludwig's Bustard is the species of most concern occurring on the WEF site, as it is an endangered species, and was present in three of four seasons, albeit in low density. Ludwig's Bustard is particularly prone to collisions with powerlines.</i></p> <p><i>Although mitigation will not eliminate 100 % of mortalities, due to the low prevalence of this and other key species on the site, it is likely to reduce impacts to acceptable levels.'</i></p> <p>An Avifaunal Walkthrough is a requirement of the EMPr - to be conducted prior to construction.</p>
				<p>4. Layout and road networks</p> <p>Roads and power lines routes still require finalisation. In addition more information is required on the type of upgrades and widening of roads that will be required to accommodate large trucks and heavy machinery. Even if the power line will be authorised as part of a separate EIA the proposed footprint must still be clarified as part of this application.</p>	<p>Roads and powerline routes provided form part of the impact assessment and application. Micro-siting of the roads and powerline routes will be conducted based on pre-construction walk-throughs.</p> <p>The overhead powerline grid connection forms part of this application - the proposed footprint of the overhead powerline servitude is provided in the Final EIA Report (Volume I: Table C) - '<i>Width 31 m x 26.8 km = 83 hectares (worst case scenario)</i>'</p>
				<p>Additional comments</p> <p>➤ It is noted that the exact thresholds related to the applied listed activities are not specified in the draft report. For instance, the facility will require the construction of new internal access roads. Please ensure that all the required thresholds have been correctly specified in the final Environmental Impact Report (EIR).</p>	<p>All required thresholds related to listed activities are provided in the Final EIA Report (Volume I: Tables A, B and C). The area occupied by internal roads is approximately 64 ha.</p>
				<p>➤ All specialist assessments must include a cumulative environmental impact statement. Identified cumulative impacts must be clearly defined, and where possible the size of the identified impact must be indicated and quantified, i.e. hectares of cumulative transformed land.</p>	<p>All specialist studies assess cumulative impacts associated with the proposed development. The cumulative impacts are clearly defined and quantified where possible. Significance of the identified cumulative impact is rated using approved methodology. Need and Desirability of the proposed development takes into</p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<ul style="list-style-type: none"> ➤ Identified cumulative impacts associated with the proposed development must be rated with the significance rating methodology approved. ➤ The cumulative impacts significance rating must inform the need and desirability of the proposed development. 	account the regional context and cumulative impacts. The Impact Statement provided includes an assessment of the cumulative impacts.
				<ul style="list-style-type: none"> ➤ Recommendations provided by the specialist reports must be considered and used to inform the preferred layout alternative. Specifically, the turbines and power lines must be removed from all sensitive areas as recommended by the specialist. 	Specialist recommendations have informed the Final Mitigated Layout (Figure 12.1 Environmental Sensitivity Map). All specialists have confirmed that the Final Mitigated Layout is acceptable.
				<ul style="list-style-type: none"> ➤ The Environmental Management Programme (EMPr) must include a provision to audit the effectiveness of the mitigation measures and recommendations for amongst others: waste management; alien and open space management; re-vegetation and rehabilitation. 	The EMPr makes provision for the update of management plans and mitigation measures, based on audits of their effectiveness. All required management plans will be updated prior to construction.
				<ul style="list-style-type: none"> ➤ Landowners are required by law (Conservation of Agricultural Resources Act, 1983 (Act 43 of 1983) as amended to manage certain invasive alien plants on their property. An alien invasive plant management programme must be established on the site for initial and follow up clearing. 	The EMPr provides an Alien Invasive Plant Management Plan. This plan will be updated prior to construction.
				<ul style="list-style-type: none"> ➤ A botanist knowledgeable with the vegetation of the area and the rehabilitation of this type of vegetation should be appointed to oversee the search and rescue process. 	A botanical specialist ' <i>knowledgeable with the vegetation of the area and the rehabilitation of this type of vegetation</i> ' will be appointed to oversee Search and Rescue of species of conservation concern (SCCs). This requirement is catered for in the EMPr.
				<ul style="list-style-type: none"> ➤ The potential direct impacts on biodiversity are potentially significant, but these can be reduced to a medium to low negative significance if the recommended mitigation measures are included in the development proposal, the conditions of approval and are implemented. 	The Fauna and Flora Impact Assessment rates the biodiversity impact of ' <i>Cumulative habitat loss and impact on broad-scale ecological processes</i> ' as Medium significance without mitigation and Low significance with mitigation. All recommended mitigation measures are provided in the Final EIA Report and EMPr (Volume I) and will be adhered to.
				<ul style="list-style-type: none"> ➤ Ideally the stormwater management plan should be compiled with input from the freshwater 	The Stormwater Management Plan will be updated pre-construction with input from an Aquatic Specialist -

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				specialist, prior to decision being taken as this should help avoid any unnecessary conflict.	anticipated during the application for a Water Use License.
				➤ All sensitive habitats should be demarcated and avoided.	All sensitive habitats identified and mapped by the specialists have been avoided by turbines in the Final Mitigated Layout (Figure 12.1 Environmental Sensitivity Map).
				➤ If the development is allowed to continue, more stringent mitigation measures in terms of avifauna impact is proposed e.g. 1 year bird monitoring prior to construction plus during the construction phase as well as during the first 2 years of operation. The resulting monitoring data should influence construction activities and infrastructure location.	The Avifauna Specialist provided the following response: <i>'A 1 year pre-construction monitoring program was conducted.</i> <i>Construction phase monitoring is incorporated into the EMPr and includes nest monitoring.</i> <i>A minimum of two years of operational monitoring has been recommended.'</i>
				➤ Buffer areas for sensitive areas should be considered in the sensitivity assessment, especially drainage lines, quartz outcrops and rocky hills which are classified as "high" ecological sensitivity.	All high sensitivity ecological features on site have been mapped and avoided by turbines in the Final Mitigated Layout (Figure 12.1 Environmental Sensitivity Map).
				➤ All mitigation measures as per specialist reports are strongly supported.	All mitigation measures provided by the specialists have been included in the Final EIA Report and EMPr (Volume I) and will be adhered to.
				Conclusion Implementing mitigation measures that are feasible are strongly supported. Assessing the cumulative impacts of Solar and Wind Farms in the Northern Cape is important for future decision making. Search and rescue should be undertaken for fauna and flora protected under the Northern Cape Nature Conservation Act (Act No. 9 of 2009), found in low numbers and that have a high change of surviving transplantation. Search and rescue activities will require a permit from the DENC. The CBA and ESA in the study area are important corridors as they play vital roles for ecological linkages among terrestrial ecosystems. We urge more than one ECO is made available to ensure an appropriate level of expertise and presence across the landscape. Should the development be approved it will	Search and Rescue of Species of Conservation Concern (SCCs) will be undertaken prior to construction, once requisite permits have been obtained from the DENC. Cumulative impacts have been assessed by all specialists. In response to this DENC comment the Avifauna Specialist provided the following response: <i>'Cumulative impacts on some large terrestrial bird species (e.g. Ludwig's Bustard, Kori Bustard, Secretary Bird) and raptors (Verreaux's Eagle, Martial Eagle) may manifest and can be high, however if all developments that are built (from those considered in the cumulative impact assessment) implement appropriate mitigations, this can be reduced to an acceptable moderate level.'</i>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
				<p>remain important to conduct both pre and post construction authorisation monitoring. Urgent thought and action is required at a national level as to how to manage, collate and interrogate monitoring data that will be generated from similar developments throughout the country. Although the environmental sensitivities over the project area is adjudged to be low for this development, due consideration should be given for cumulative impacts of development, transformation and artificial barriers from infrastructure over the broader landscape. The developer noted the presence of another wind monitoring mast to the south of the project area that has been erected by a different developer, with the aim of investigating renewable energy development. Both the current (Xina and Kaxu Solar facility) developments nearby, planned development (Paulputs wind) and future possible facilities will have an impact on the landscape connectivity over the larger area. This is especially of concern for species that migrate or hunt over the Bushmanland plains and scattered ridges such as large terrestrial bird species (e.g. Ludwig's Bustard, Kori Bustard, Secretary Bird, etc.) and raptors (Verreaux's Eagle, Martial Eagle, Peregrine Falcons, etc.). An area of concern also is the visual impact of Renewable Energy developments over the vast, visually open, wilderness-like areas of Bushmanland. This particular facility is located on both sides of the N14 national road and will undoubtedly be visible from many kilometres away. Will these have eco-tourism impacts on the region?</p> <p>Your sincerely</p> <p>.....</p> <p>MS. N VAN OLMEN PROGRAMME MANAGER: POLICY, PLANNING AND COORDINATION DATE:</p>	<p>The Visual Impact Assessment (VIA - Volume III) assessed the cumulative visual impacts as a result of nearby renewable energy facilities and associated infrastructure as Medium significance with or without mitigation.</p> <p>The VIA provides the following conclusion regarding the N14 and eco-tourism impacts: `The N14 National Route bisects the application site for the Paulputs Wind Energy Facility (WEF) and is the primary thoroughfare in the broader study area. This route provides an important link between Johannesburg and Springbok to the west, as well as to the Namibian Border to the north. Hence the route also provides access to the many tourist attractions along the west coast and also those located along the Orange River. In light of this, the N14 was identified in the scoping phase Visual Impact Assessment (VIA) as a potentially sensitive receptor road, as it may be used by tourists who could object to the potential visual intrusion of the proposed WEF.</p> <p><i>Visual impacts are however experienced differently by different types of receptors and thus some receptors may not consider a WEF to be a negative visual impact. The VIA further revealed that the section of the N14 which traverses the WEF study area does not form part of a designated tourism route and does not generally experience heavy volumes of tourist traffic. Additionally, low overall traffic volumes were noted, largely comprising local access traffic and heavy trucks en-route to the Namibian border.</i></p> <p><i>In the context of the typical Karoo "Cultural" Landscape, the VIA found that visual impacts on the cultural landscape would be reduced by the fact that the area is relatively remote and there are very few tourism or nature-based facilities in the study area. Consideration</i></p>

Ref	Name and Organisation	Date and Method	S&EIR Phase	Comment	Response
					<p><i>should also be given to the fact that the Karoo cultural landscape is an organically evolved, "continuing" landscape and as such, given the number of WEFs and SEFs that have been developed or are likely to be developed across the Karoo, it is possible that renewable energy facilities and wind turbines may in the future become an integral part of the typical Karoo cultural landscape.'</i></p>

5 SUMMARY OF COMMENTS

Initial Scoping Phase

The main correspondence received was from I&APs requesting to be registered on the I&AP database. Comments from stakeholders were information requests and only two comments were received, from SARAO, stating that they do not object the project at the current stage, however, would like to be kept informed of the developments with this project and C. Greeff, an occupier, who called concerning stock theft increasing on the property and requested to be included as an I&AP on the database. SARAO was responded to and the email from C. Greeff will be further assessed and responded to in the EIA phase.

Draft Scoping Phase

During the 30 day comment period for the Draft Scoping Report four comments were received, including comment from the DEA (addressed in Section 1.8 of Volume I: Final Scoping Report) and the Department of Water and Sanitation (DWS), Northern Cape (addressed in Volume II: Comments and Responses Trail). I&APs and Stakeholders requested more information and / or to be registered as an I&AP on the database. SARAO provided comment raising concerns that no reference has been made to the SKA radio telescope and the mitigation measures that should be in place to ensure that the telescope is protected from electromagnetic interference that is radiated from the facility. SARAO requested a commitment from the developer to ensure that the radiated emissions does not exceed the SARAS protection levels at the nearest SKA telescope. The South African Heritage Resources Agency (SAHRA) provided Interim Comment requesting that the Palaeontological Impact Assessment (PIA) be submitted at the beginning of the Public Review period for the Draft EIA Report; and that a turbine buffer of 3 km is applied to the N14.

Final Scoping Phase

Following submission of the Final Scoping Report several comments were received from I&APs. DEA: Integrated Environmental Authorisations provided Acknowledgement of Receipt and Comment on the Final Scoping Report (responded to in Volume I Draft EIA Report Section 1.2 Table 1.1). All other comments received are addressed or responded to in Volume II Section 4 Comments and Responses Trail (Table 1: Comments and Responses, above). Included are comments from the DEA: Biodiversity Conservation, requesting amongst other comments that a site visit be conducted with the Northern Cape Department of Environment and Nature Conservation (DENC) after submission of the Draft EIA Report. SAHRA provided further Interim Comment stating that the 500 m no turbine buffer of the N14 is sufficient. SARAO / SKA stated that their concerns are captured appropriately in the Final Scoping Report, thus no further specialist studies (e.g. RFI / EMF studies) are required during EIA phase. Gemini Mining and Exploration (Pty) Ltd requested feedback on the mining potential of the proposed site. Liaison with Eskom and existing IPPs was undertaken by the Applicant during production of the updated site layout including grid connection options for assessment during EIA phase. This correspondence is provided in Volume II Appendix 11.

Draft EIA Phase

The Draft EIA Report was distributed for public review on the 19 July 2019. Several comments were received from I&APs within the 30 day review period up to 19 August 2019, as well as after the 30 day review period. All comments received including those received after the 30 day public review were considered, responded to and provided in Volume II of the Final EIA Report. As requested by DEA: Biodiversity Conservation at Final Scoping Phase, a site visit was conducted with DENC on the 19 August 2019. Comment received from DENC subsequent to the site visit indicated that the DENC's main concern is

the presence of Protected Tree species on site - Shepherd's Tree (*Boscia albitrunca*) and Quiver Tree (*Aloidendron dichotomum*) - as well as the Red Listed Kalahari Cactus (*Hoodia gordonii*). The DEA: Biodiversity Conservation provided comment stating that they are not in-support of the development as '*part of the proposed development falls within the Critical Biodiversity Area category 1*' (CBA 1) and stated that an effective long-term monitoring programme for *Aloidendron dichotomum* is required. The Ecological Specialist confirmed that the '*CBA within the site is due to the presence of Aloidendron dichotomum within the CBA planning unit*' and provided guidelines for a long-term monitoring programme for *Aloidendron dichotomum* in the Fauna and Flora Impact Assessment (Volume III) and EMPr. Mitigation measures aiming to protect and conserve the endangered plant species identified on site have been provided in the Fauna and Flora Impact Assessment (Volume III) and Final EIA Report (Volume I). Additional comment was received from D.M. le Roux of Gemini Mining and Exploration (Pty) Ltd and DFM Exploration (Pty) Ltd regarding the sterilization of mineral resources - this aspect will be addressed during the Section 53 Application in terms of the MPRDA. Comment was also received from the neighbouring operational solar farms (Abengoa) with regard to dust, traffic and water. Abengoa comment was responded to and addressed in Volume II Public Participation Report Comment and Responses, Appendix 11 of Volume II, and the EMPr. The DEA: Integrated Environmental Authorisations provided comment on the Draft EIA Report on 16 August 2019 - these comments were addressed and responded to in the Final EIA Report (Volume I) Section 1.2 DEA Requirements, and Volume II Section 4 Comments and Responses.

APPENDIX 1: I&AP DATABASE

APPENDIX 2: SITE NOTICES AND POSTER PLACEMENT PROOF

APPENDIX 3: NEWSPAPER ADVERTISEMENT PROOFS

APPENDIX 4: INITIAL NOTIFICATIONS

APPENDIX 5: PROOF OF DELIVERY – INITIAL NOTIFICATION

APPENDIX 6: CORRESPONDENCE – ORIGINAL COMMENTS & RESPONSES

6.1 Initial Notification

6.2 Draft Scoping Notification

6.3 Final Scoping Notification

6.4 Draft EIA Notification

APPENDIX 7: DSR NOTIFICATION

APPENDIX 8: PROOF OF DELIVERY - DSR NOTIFICATIONS

APPENDIX 9: FSR NOTIFICATION

APPENDIX 10: PROOF OF DELIVERY - FSR NOTIFICATIONS

APPENDIX 11: CORRESPONDENCE BETWEEN THE APPLICANT, ESKOM AND IPPS

APPENDIX 12: DRAFT EIA NOTIFICATION

APPENDIX 13: PROOF OF DELIVERY – DEIA NOTIFICATIONS