

PROPOSED GAROB WIND ENERGY FACILITY				
No.	RAISED BY	COMMENT	RESPONDENT	RESPONSE
<b>ISSUE 1: PUBLIC PARTICIPATION PROCESS AND DRAFT SCOPING REPORT REVIEW PERIOD</b>				
1.1	Mr P Novellie SANParks Email: 29/05/2012	SANParks has no interest in the Copperton area and will not be registering as an interested and affected party.		Noted.
1.2	Mr J Basson Siyathemba Local Municipality Focus Group Meeting: 21/06/2012	You will not be met with resistance to the implementation of renewable energy projects in the municipality. The council and community are exploring ways in which to improve the local economy by tapping into the renewable energy sector.		Noted.
1.3	Mr J Basson Siyathemba Local Municipality Focus Group Meeting: 21/06/2012	Since the municipality is investigating ways in which to utilise renewable energy, I propose that a briefing session regarding the municipality's Integrated Development Plan (IDP) be arranged.	Mr S Johnston Sustainable Futures ZA Focus Group Meeting: 21/06/2012	A meeting will be arranged with the specialist that will be undertaking the Social Impact Assessment during the EIA phase. The meeting would focus on the municipality's strategy for renewable energy and the social impacts that would emerge as a result of the project.
1.4	Mr P Fourie Farm Nelspoortjie Public Meeting: 21/06/2012	Will we (the farmers) be notified when specialists intend to access the site?	Mr S Johnston Sustainable Futures ZA Public Meeting: 21/06/2012	Proper protocol needs to be followed when requesting access to the site. Savannah Environmental will ensure that farmers are notified before the specialists access the sites.
1.5	Mr M Sirenya Department of Water Affairs Letter: 11 June 2012	Your letter dated 7 June 2012 refers. This office acknowledges receipt of your letter.  With reference to your letter to this office, we distributed your request with the Department for recommendations. This could take about six to eight weeks to finalize.		Noted.

<b>ISSUE 2: HERITAGE RESOURCES</b>				
2.1	<p>Mrs C Scheermeyer</p> <p>SAHRA: Archaeology, Palaeontology and Meteorite Unit</p> <p>Email: 29/05/2012</p>	<p>In terms of the National Heritage Resources Act, no 25 of 1999, heritage resources, including archaeological or paleontological sites over 100 years old, graves older than 60 years, structures older than 60 years are protected. They may not be disturbed without a permit from the relevant heritage resources authority. This means that before such sites are disturbed by development it is incumbent on the developer (or mine) to ensure that a Heritage Impact Assessment is done. This must include the archaeological component (Phase 1) and any other applicable heritage components. Appropriate (Phase 2) mitigation, which involves recording, sampling and dating sites that are to be destroyed, must be done as required.</p> <p>In the Background Information Document received by SAHRA there was no indication of such an assessment of the paleontological or archaeological resources. The quickest way forward is to contact suitably qualified specialists to provide a Phase 1 Paleontological and/or Archaeological Impact Assessment Report.</p> <p>The Phase 1 Impact Assessment Report will identify the archaeological sites and assess their significance. It should also make recommendations (as indicated in section 38) about the process to be followed. For example, there may need to be a mitigation phase (Phase 2) where the specialist will collect or excavate material and date the sites.</p> <p>Where bedrock is to be affected, or where there are coastal sediments, or marine or river terraces and in potentially fossiliferous superficial deposits, a Paleontological study must be undertaken to assess whether or not the development will impact upon paleontological</p>	<p>Mr B Khupe</p> <p>Savannah Environmental</p> <p>Email: 15/06/2012</p>	<p>Thank you very much for you response and comments on the proposed Garob Wind Energy Facility project.</p> <p>Please note, the draft scoping report for the proposed development has be prepared and is currently available for review.</p> <p>As part of the scoping phase studies a Heritage Scoping Study was conducted to determine the potential for heritage resources on site.</p> <p>A copy of the Scoping report which includes the Heritage Scoping Study was sent to SAHRA's offices for comments (see attached cover letter).</p> <p>The review period for the scoping report is between 7 June 2012 and 9 July 2012.</p> <p>In the event that the report has not yet reached your desk, please follow the link below for access to the electronic copy of the report on our web page.</p> <p><a href="http://www.savannahsa.com/projects/index.php#88">http://www.savannahsa.com/projects/index.php#88</a></p>

		<p>resources – or at least a letter of exemption from a Palaeontologist is needed to indicate that this is unnecessary. If the area is deemed sensitive, a full Phase 1 Paleontological Impact Assessment will be required and if necessary a Phase 2 rescue operation might be necessary. (See attached list of accredited Palaeontologists).</p> <p>If the property is very small or disturbed and there is no significant site the specialist may choose to send a letter to the heritage authority to indicate that there is no necessity for any further assessment.</p> <p>Any other heritage resources that may be impacted such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or viewsapes must also be addressed.</p>		
<b>ISSUE 3: IMPACTS ON ROADS</b>				
3.1	<p>Ms C Runkel</p> <p>SANRAL Statutory Control</p> <p>Email: 14/06/2012</p>	<p>The South African National Roads Agency SOC Limited (SANRAL) has no comment with regards to the Garob wind energy facility as it does not affect a national road under SANRAL's jurisdiction.</p> <p>SANRAL Ref No.: NC11/2/1</p>	<p>Ms G Wood</p> <p>Savannah Environmental</p> <p>Email: 15/06/2012</p>	<p>Thank you for your comment with regard to the proposed Garob Wind Energy Facility. Your response has been noted and will be captured in the Comments and Responses Report which will be appended to the Final Scoping Report that will be submitted to the Department of Environmental Affairs.</p>
3.2	<p>Mr H Greef</p> <p>Northern Cape Department of Roads and Public Works</p> <p>Public Meeting: 21/06/2012</p>	<p>The R357 has a building line restriction of 95m (measured from the centre line of the road). No development is permitted to take place within the 95m.</p>	<p>Mr S Johnston</p> <p>Sustainable Futures ZA</p> <p>Public Meeting: 21/06/2012</p>	<p>Comment noted.</p>

3.3	<p>Mr H Greef</p> <p>Northern Cape Department of Roads and Public Works</p> <p>Public Meeting: 21/06/2012</p>	<p>The developer must take cognisance of the following in their planning:</p> <ul style="list-style-type: none"> <li>• the height restrictions of bridges and railway underpasses in the area; and</li> <li>• the tonnage of delivery and construction vehicles and the impacts this would have on the culverts.</li> </ul>	<p>Mr C Bellingham</p> <p>juwi Renewable Energies</p> <p>Public Meeting 21/06/2012</p>	<p>A full traffic impact assessment (TIA) will be undertaken at a later phase in the project. This will be communicated to the Department.</p>
3.4	<p>Mr C Bellingham</p> <p>juwi Renewable Energies</p> <p>Public Meeting 21/06/2012</p>	<p>What could be done to accommodate the turning angle of the trucks carrying the blades?</p>	<p>Mr S Johnston</p> <p>Sustainable Futures ZA</p> <p>Public Meeting: 21/06/2012</p>	<p>The TIA engineers would be able to provide information on this. They have modeling software which would determine the best possible options. The Northern Cape Department of Transport and Public Works would need to be consulted in this regard.</p>
3.5	<p>Mr H Greef</p> <p>Northern Cape Department of Roads and Public Works</p> <p>Public Meeting: 21/06/2012</p>	<p>There may be a need backfill to reduce the gradient of the access road to the site. Would this form part of the EIA?</p>	<p>Mr B Khupe</p> <p>Savannah Environmental</p> <p>Public Meeting: 21/06/2012</p>	<p>This would form part of the EIA under the Traffic Management Plan.</p>
3.6	<p>Mr BK Markman</p> <p>Northern Cape Department of Roads and Public Works District Manager</p> <p>Letter 3/07/2012</p>	<p>The Department of Roads and Public Works is the road authority in the Northern Cape. Man Road 771 will be affected by your proposal. The following conditions apply for the road:</p> <ul style="list-style-type: none"> <li>• no new buildings and/or structures should be constructed within a 95m corridor along the road measured from the centre line of the road.</li> <li>• No new access should be constructed or upgraded, and</li> <li>• No new access roads crossing should be constructed or upgraded; and</li> <li>• No new power line or water line crossings should be constructed without the approval of the local road authority.</li> </ul>		<p>Comment noted.</p>

<b>ISSUE 4: GOVERNMENT INITIATIVES IN THE RENEWABLE ENERGY SECTOR</b>				
4.1	Mr J Basson  Siyathemba Local Municipality  Focus Group Meeting: 21/06/2012	The municipality has recently signed an MOU with the Department of Energy (DoE) for the development of 6000ha of land for solar energy facilities. 1000ha of land would be developed by private developers while 5000ha of land would be developed by government. This initiative is funded by the Central Energy Fund. The (DoE) will develop the area as part of the Solar Park Corridor.	Mr S Johnston  Sustainable Futures ZA  Focus Meeting: 21/06/2012	Comment noted.
4.2	Mr J Basson  Siyathemba Local Municipality  Focus Group Meeting: 21/06/2012	The municipality and the DoE aim to establish a Special Purpose Vehicle (SPV) to manage the community trusts for the renewable energy related projects. The municipality would want to ensure that private developers are contributing 5% to the community trusts as required.	Mr S Johnston  Sustainable Futures ZA  Focus Group Meeting: 21/06/2012	Comment noted.
4.3	Mr J Basson  Siyathemba Local Municipality  Focus Group Meeting: 21/06/2012	I would recommend that you engage the Northern Cape Department of Economic Development and Tourism with regard to the Biosphere Programme.	Mr S Johnston  Sustainable Futures ZA  Focus Group Meeting: 21/06/2012	Comment noted.
<b>ISSUE 5: TECHNICAL ASPECTS OF THE PROJECT</b>				
5.1	Mr J Basson  Siyathemba Local Municipality  Focus Group Meeting: 21/06/2012	Is there sufficient wind in the area where the project is proposed?	Mr C Bellingham  juwi Renewable Energies  Focus Group Meeting: 21/06/2012	There is sufficient wind to generate electricity. The wind speed is above 6.5 knots at 80km above ground.
5.2	Mr J Basson  Siyathemba Local Municipality	Are wind projects also granted 20 permits?	Mr C Bellingham  juwi Renewable Energies	Yes.

	Meeting: 21/06/2012		Meeting: 21/06/2012	
<b>ISSUE 6: INFRASTRUCTURE AND SERVICES</b>				
6.1	Mr J Basson  Siyathemba Local Municipality  Focus Group Meeting: 21/06/2012	There are plans to upgrade the Eskom 132kV power line to a 400kV power line. This would mean that a new power line would need to be built to connect to the Caprum substation.	Mr S Johnston  Sustainable Futures ZA  Focus Group Meeting: 21/06/2012	Integration between Eskom and the project is crucial.
6.2	Mr J Basson  Siyathemba Local Municipality  Focus Group Meeting: 21/06/2012	There is a large water pipeline which lies adjacent to the farm. The project can utilise water from the pipeline. The developers would need to consult the municipality in this regard.  The developers must investigate other technical requirements such as a batching site; borrow pits etc. prior to commencing the project.	Mr S Johnston  Sustainable Futures ZA  Focus Group Meeting: 21/06/2012	Comment noted.
6.3	Mr M Van Niekerk  juwi Renewable Energies  Focus Group Meeting: 21/06/2012	Are there batching plants in this area?	Mr J Basson  Siyathemba Local Municipality  Focus Group Meeting: 21/06/2012	The nearest batching plants are in De Aar and Kimberley.
6.4	Mr H Greef  Northern Cape Department of Roads and Public Works	Borrow-pit applications would need to be addressed in the EIA.	Mr S Johnston  Sustainable Futures ZA  Public Meeting:	Comment noted.  The developer must determine where they will source aggregates from for internal and arterial roads.

	Public Meeting: 21/06/2012		21/06/2012	
<b>ISSUE 7: NOISE IMPACTS</b>				
7.1	Mr J Basson  Siyathemba Local Municipality  Focus Group Meeting: 21/06/2012	Were any noise impacts identified in terms of the Square Kilometre Array (SKA) project?	Mr B Khupe  Savannah Environmental  Focus Group Meeting: 21/06/2012	We need to determine whether the site falls within or outside-of the SKA boundary.  The noise specialist would measure the noise impacts during the EIA phase. We will advise him to liaise with representatives from the SKA. Noise buffer areas will be proposed in the Noise Impact Assessment.
<b>ISSUE 8: MUNICIPAL AND PROVINCIAL DEVELOPMENT PLANNING</b>				
8.1	Mr J Basson  Siyathemba Local Municipality  Focus Group Meeting: 21/06/2012	Renewable Energy is not addressed in the Pixely Kasema District Municipality's Spatial Development Framework (SDF) or the Province's Provincial Management Framework (PMF).	Mr S Johnston  Sustainable Futures ZA  Focus Group Meeting: 21/06/2012	Comment noted.
<b>ISSUE 9: AGRICULTURAL IMPACTS</b>				
9.1	Mr J Basson  Siyathemba Local Municipality  Focus Group Meeting: 21/06/2012	The municipality needs to understand the agricultural potential of the land proposed for the development.	Mr S Johnston  Sustainable Futures ZA  Focus Group Meeting: 21/06/2012	Comment noted.
<b>ISSUE 10: SOCIAL IMPACTS</b>				
10.1	Mr J Basson  Siyathemba Local Municipality  Focus Group	One of the major challenges in the municipality is that there are very few skilled and semi-skilled people living within the municipality. If the project is to be developed, there would be a significant influx of skilled and semi-skilled people into the area. This would have	Mr S Johnston  Sustainable Futures ZA  Focus Group	Comment noted.

	Meeting: 21/06/2012	implications in terms of housing development and the development of amenities.	Meeting: 21/06/2012	
10.2	Mr J Basson  Siyathemba Local Municipality  Focus Group Meeting: 21/06/2012	The municipality will ensure that the developers comply with BEE components in terms of job creation, procurement, secondary industries and social contributions.	Mr S Johnston  Sustainable Futures ZA  Meeting: 21/06/2012	
10.3	Mr P Fourie  Farm Nelspoortjie  Public Meeting: 21/06/2012	Wind Farms will have a tourism attraction value.	Mr S Johnston  Sustainable Futures ZA  Public Meeting: 21/06/2012	Comment noted.
<b>ISSUE 11: ROLE OF ORGANS OF STATE IN THE PROJECT</b>				
11.1	Mr J Basson  Siyathemba Local Municipality  Focus Group Meeting: 21/06/2012	The municipality will ensure that the developers comply with BEE components in terms of job creation, procurement, secondary industries and social contributions.	Mr S Johnston  Sustainable Futures ZA  Focus Group Meeting: 21/06/2012	Comment noted.
<b>ISSUE 12: OTHER PROJECTS / INITIATIVES PROPOSED FOR THE COPPERTON AREA</b>				
12.1	Mr P Fourie  Farm Nelspoortjie  Public Meeting: 21/06/2012	Three renewable energy facilities are proposed for the area located north-west of the farm.	Mr C Bellingham juwi Renewable Energies  Public Meeting: 21/06/2012	The developers that are proposing the renewable energy facilities are Mililo, Mainstream and Plan 8. The three independent power producers' developers need to be registered on the project's I&AP database.
12.2	Mr P Fourie  Farm Nelspoortjie  Public Meeting:	An EIA is being undertaken to relocate the airstrip.	Mr S Johnston  Sustainable Futures ZA	The Civil Aviation Authority would need to comment in this regard.



	21/06/2012		Public Meeting: 21/06/2012	
12.3	Mr C Bellingham  juwi Renewable Energies  Public Meeting 21/06/2012	Would the Department of Environmental Affairs view the cumulative effect of developing wind and solar energy facilities in the same vicinity positively or negatively?	Mr S Johnston  Sustainable Futures ZA  Public Meeting: 21/06/2012	The fact that all the infrastructure is consolidated in one area may not necessarily be viewed negatively.
12.4	Mr P Fourie  Farm Nelspoortjie  Public Meeting: 21/06/2012	Would the redevelopment of the Copperton Mine not have an impact on the grid connectivity in the area?	Mr S Johnston  Sustainable Futures ZA  Public Meeting: 21/06/2012	juwi Renewable Energies would need to clarify this with the mine and with Eskom.
12.5	Mr P Fourie  Farm Nelspoortjie  Public Meeting: 21/06/2012	We need to emphasise the positives of the development i.e. that there are a lot of energy users in the area.	Mr S Johnston  Sustainable Futures ZA  Public Meeting: 21/06/2012	Comment noted.