

## RHODES 2 SOLAR PARK

Property Description/ Other Registered I&AP	Ptn	Owner/Contact Person	Method of Notice (BID)	Draft Scoping Report (DSR) - Notice	Comments Received on DSR	Response from EAP	Comments received on Draft EIAR	EAP Response	Amended Draft EIAR - Comments from I&APs	Amended Draft EIAR - EAP response
<b>Adjacent landowners</b>										
Gasesa 272	1	Tsineng Communal Property Association: Mr. Augustine Bannane	23/7/2015 registered post	Not Registered - Notification sent 06/10/2015 by registered mail	No comments received					
East 270	0 & 2	Jacobus Nicolaas Pretorius Heletta Rosia Pretorius	23/7/2015 email sent & read	06/10/2015 E-mail notification & Read	No comments received					
East 270	1	Sishen Iron Ore Company (Pty) Ltd : WA de Klerk Mr. J van Schalkwyk Mr. J Walker Mr. W Voigt	23/7/2015 registered post & 23/7/2015 email sent	06/10/2015 E-mail notification & Read						
Kipling 271	0	Assmang Ltd Company Secretary	23/7/2015 email sent & read	CD sent by courier: 06/10/2015	<p>1. Kudumane Manganese Resources (KMR) holds a prospecting right on Kipling 271 Kuruman RD. KMR to be consulted as they applied for a mining right on Kipling and there is Power line and servitude to consider.</p> <p>2. East 2 &amp; 3 Solar Parks and associated power line is situated in the the Manganese Belt.</p> <p>3. East 2 &amp; 3 Solar Parks may have a sterilising effect on minerals on a portion of the farms Kipling and Gloria. This impact should be studied in detail during EIA phase.</p> <p>4. Scoping Report states that the presence of mines in the area leads to a higher need in electricity.</p> <p>5. Assmang notes that there is no certainty that mines will be provided with electricity form Solar Parks and presence of mines in the area cannot be used to justify the construction of solar parks.</p> <p>6. The solar parks will not emit CO2 and will help to compensate for CO2 arising from mining activities.</p> <p>7. The statement in 6, is questioned. Proof is requested for a study to validate this statement.</p> <p>8. Solar radiation for power generation is a non-consumptive use and renewable resource which does not produce green house gas emissions.</p> <p>9. Statement is agreed with but CO2 and greenhouse gas emissions for East 2 &amp; 3 Solar Parks, including mining of raw materials, manufacturing and transport of parts/components and the construction and operation of the plant, to be calculated and form part of the EIA.</p> <p>10. The mines will eventually be surrounded by solar parks, the cumulative impact of the solar parks must be assessed, specifically with regard to impacts related to the sterilisation of mineral reserves due to reduced mining areas, buffer zones required, servitudes and all other related factors be assessed.</p> <p>11. Impact of blasting at mines, including fly rock, sound blast and vibration on the solar park be assessed. The mines should be indemnified against any damage resulting from mining activities, including blasting.</p> <p>12. Why is the Department of Water Affairs not mentioned in the list of national governmental departments.</p> <p>13. An indication of other authorisations that is required should be indicated and Assmang must be regarded as an I&amp;AP in terms of other legislative processes as well.</p> <p>14. What is the current zoning of the land and will there be an application for a change in land use? Assmang must be registered as an I&amp;AP in terms of this application process as well.</p> <p>15. If a Water Use License is required, Assmang should be regarded as an I&amp;AP.</p> <p>16. Assmang requests a map showing impacts of power lines on the development properties.</p> <p>17. The impact of the solar parks on the Gamagara Spruit must be taken into account.</p> <p>18. Where will water be sourced from? and will a water use license be required?</p> <p>19. What will be the function of the water treatment facility? To treat water to drinking water standard, or the treatment of polluted water.</p>	The EAP replied on 17 November 2015 indicating that most of the information requested was not available at the time as the specialists were still conducting their surveys and studies. Their findings will be included in the draft EIA Report. The EAP undertakes to give their comments due consideration.	<p>1. Potential CO2 and greenhouse gas emissions for East 3 Solar Park, including mining of raw materials, manufacturing and transport of parts / components and construction and operation of the plant.</p> <p>2. Cumulative impacts in terms of the number of solar parks in the area and the potential sterilisation of land for mining activities and communication between the EAP and Assmang.</p>	<p>1. Mining of raw materials and manufacturing of parts or components take place in other countries. Parts and components are imported either from China, Europe and / or USA. Logic dictates that at any stage of mining and / or processing, those entities should have gone through a similar process in order to adhere to environmental laws in place in that specific country. At this stage, it's not even known from where the components will be imported, much less calculate the impact on air quality as a result of the construction of a solar park. The question of emissions from Photovoltaic technologies during its life cycle was looked up and their findings are included here as a matter of interest: →all PV technologies generate far less life-cycle air emissions per GWh than conventional fossil-fuel-based electricity generation technologies. →At least 90% of air emissions associated with electricity generation could be prevented if electricity from photovoltaics displaces electricity from the grid. →Solar technology is concluded to be much preferable to traditional means of power generation, even considering wildlife and land use impacts.</p> <p>2. The potential sterilisation of land for mining purposes is to be discussed with Assmang on a different forum. There were correspondence between Assmang and the EAP to make arrangements for a meeting but Assmang declined the invitation.</p>	<p>1. Application to DWA in terms of section 21(g) of the National Water Act. Has it been submitted yet? And Assmang has to be regarded an I&amp;AP in this process.</p> <p>2. Other applications for permits and licenses</p> <p>3. The current zoning on the farm East 270.</p> <p>4. Negative impact of water use on the Sedibeng pipe line</p>	<p>1. No, the WULA has not been submitted yet. Assmang will definitely be considered an I&amp;AP during the WULA process.</p> <p>2.1 There will be an application submitted to the local municipality for a change in land use.</p> <p>2.2 Assmang will be included in all applications that may impact them. An application for which Assmang might not be consulted is the tree permit application</p> <p>3. Current zoning is Agriculture.</p> <p>4. At the time of the application to obtain approval to use water from the Sedibeng pipeline, Assmang will be taken into consideration. However, the low usage on the solar parks must be kept in mind. The developing company will be obliged to have talks with Assmang regarding a number of issues that need to be resolved by means of a written understanding to be agreed upon by both parties.</p>
Remainder of Mukulu 265	0									
Gloria 266	1									
N'Chwaning 267	9									
N'Chwaning 267	0	H.M.G Stols	23/7/2015 registered post	Not Registered - Notification sent 06/10/2015 by registered mail						
Dikgathlong 268	0									
Rhodes 269	0	Mr. Pierre Hauman	23/7/2015 email sent & read	06/10/2015 E-mail notification	No comments received					
N'Chwaning 267	0	Mr. Johan Reyneke	23/7/2015 email sent & read	06/10/2015 E-mail notification & Read	No comments received					
Kipling 271	0	Landowner: Assmang Ltd Prospecting right: Kudumane Manganese Resources Mr. T Gantsho Mr. C Moolman Mr. H Arangies	25/11/2015 - e-mail sent		Comments were previously received, dated October 2015, on a notification by Planwise Town & Regional Planners. KMR will be sent a Draft EIA Report for comments. The main request is that KMR's pending mining right be taken into account. KMR expects that stakeholders involved have open communication lines with one another, to that informed decisions can take place.					
Matlipani 222	Rem	Adriaan Jacobus van der Westhuizen	Contact Information not available	Notification sent 06/10/2015 by registered mail	No comments received					
Dikgathlong 268	2	Raymond & Anna Williamson	23/07/2015 Email sent	06/10/2015 E-mail notification & Read	CD requested on 06/10/2015 and sent 07/10/2015 - No further comments received					
Hotazel 280	Re	Hotazel Manganese Mines (Pty) Ltd	23/7/2015 registered post	Notification sent 06/10/2015 by registered mail	No comments received					
Kipling 271	0	Landowner: Assmang Ltd Prospecting right: Kudumane Manganese Resources Mr. T Gantsho Mr. C Moolman Mr. H Arangies	25/11/2015 - e-mail sent		No comments received on during EIA process thus far					
<b>Authorities</b>										
John Taolo Gaetsewe District Municipality		Municipal Manager	23/7/2015 e-mail sent	06/10/2015 E-mail notification	No comments received					
Joe Morolong Local Municipality		Municipal Manager - Ms. P. Sampson	23/7/2015 registered post	Hard copy sent by courier 06/10/2015	No comments received					
Ward Councillor		Ms. Kokoano Shuping (Ward 4)	23/7/2015 registered post	Did not register						

Northern Cape Department of Environment & Nature Conservation	Head of Department	23/7/2015 e-mail sent	Hard copy sent by courier 06/10/2015	No comments received					
Department of Agriculture, Land Reform & Rural Development	Director: Dr. P Kegakilwe	23/7/2015 e-mail sent	Hard copy sent by courier 06/10/2015	No comments received					
Department of Water & Sanitation	Cloete, S	23/7/2015 e-mail sent	Hard copy sent by courier 06/10/2015	No comments received					
	Chief Director: Northern Cape - Mr. A Abrahams	23/7/2015 email sent & read		No comments received					
Eskom - Distribution NC Operating Unit	Nondwe Nongauza	23/7/2015 email sent & read	CD sent Registered mail 06/10/2015	No comments received					
Department of Science & Technology	Dr. C. Sita	23/7/2015 e-mail sent	06/10/2015 E-mail notification	No comments received					
Council for Scientific and Industrial Research (CSIR)	Mr. Paul Lochner	23/7/2015 e-mail sent	06/10/2015 E-mail notification	No comments received					
SKA/SALT (SA Large Telescope)	Dr. Adrian Tiplady	23/7/2015 e-mail sent							
DAFF	Ms. Mashudu Marubini (Delegate of the Minister (Act 70 of 1970))	23/7/2015 email sent & read	CD sent Registered mail 06/10/2015	No comments received					
Eskom Transmission	Mr. John Geeringh	23/7/2015 email sent & read	CD sent Registered mail 06/10/2015	No comments received					
DMR (Dept of Mineral Resources)	Assistant Director: Vincent Mula	23/7/2015 email sent & read	CD sent Registered mail 06/10/2015	No comments received					
SACAA	Lizelle Stroh	23/7/2015 email sent & read	06/10/2015 E-mail notification	No comments received					
Northern Cape Dept of Transport, Safety & Liaison	Mr. S. Jonkers	23/7/2015 email sent	CD sent Registered mail 06/10/2015	No comments received					
SANRAL - Western Region	Environmental co-ordinator: Ms. Nicole Abrahams	23/7/2015 email sent	CD sent Registered mail 06/10/2015	No comments received					