



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

### APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

File Reference Number:  
NEAS Reference Number:  
Date Received:

DEA/EIA/

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), (the Act) and the Environmental Impact Assessment Regulations, 2014 the Regulations)

#### **PROJECT TITLE**

Basic Assessment process associated with the construction of tower footings within water courses for Phase 3 of the Bravo Integration Project in the Gauteng and Mpumalanga Province.

#### **Kindly note that:**

This application form is current as of 08 December 2014. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.

The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.

Where applicable **black out** the boxes that are not applicable in the form.

Incomplete applications will be rejected in terms of Regulation 17 of GN. 733 and returned to the applicant for revision and resubmission.

The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.

This application must be handed in at the offices of the relevant competent authority as determined by the Act and Regulations.

No faxed or e-mailed applications will be accepted. An electronic copy of the signed application form must be submitted together with two hardcopies (one of which must contain the original signatures).

Unless protected by law, all information filled in on this application form will become public information on receipt by the competent authority. Any interested and affected party should and shall be provided with the information contained in this application on request, during any stage of the application process.

Should a specialist report or report on a specialised process be submitted at any stage for any part of this application, the terms of reference for such report and declaration of interest of the specialist must also be submitted.

Proof of payment must accompany this application. The application will not be processed without proof of payment unless one of the exclusions provided for the Fee Regulations (Fees for consideration and processing of applications for environmental authorisations and amendments thereto Government Notice No.141, published on 28 February 2014) is applicable AND such information in section 1 of this application form has been confirmed by this Department.

#### **Departmental Details**

The application must be addressed to the Chief Directorate: Integrated Environmental Authorisations at:

**Postal address:**

Department of Environmental Affairs  
Attention: Director: Integrated Environmental Authorisations  
Private Bag X447  
Pretoria  
0001

**Physical address:**

Department of Environmental Affairs  
Attention: Director: Integrated Environmental Authorisations  
Environment House  
473 Steve Biko Road  
Arcadia  
Pretoria

Queries must be addressed to the contact below:

Tel: 012 399 9372

E-mail: [EIAAdmin@environment.gov.za](mailto:EIAAdmin@environment.gov.za)

***Please note that this form must be copied to the relevant provincial environmental department/s.***

View the Department's website at <http://www.environment.gov.za/> for the latest version of the documents.

**PROOF OF PAYMENT**

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, an exclusion applies. Proof and a motivation for exclusions must be attached to this application form in **Appendix 1**.

Proof of payment attached as **Appendix 1**

Exclusion applies

An applicant is excluded from paying fees if:

The activity is a community based project funded by a government grant; or  
The applicant is an organ of state.

TYPE OF EXCLUSION	Tick where applicable. Proper motivation must be attached to the application
The activity is a community based project funded by a government grant	
The applicant is an organ of state	✓

FEE AMOUNT	Fee
Application for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations	R2 000
Application for an environmental authorisation, for which S&EIR is required in terms of the Environmental Impact Assessment Regulations	R10 000

Department of Environmental Affairs' details for the payment of application fees:

<p>Payment Enquiries: Tel: 012 399 9119 Email: eiafee@environment.gov.za</p> <p>Banking details: ABSA Bank Branch code: 632005 Account number: 1044 2400 72 Current account Reference number : Reference number to be provided in the specific format indicating centre point coordinates of site in decimal degrees to 5 or 6 decimal places: latitude/longitude eg. -33.918861/18.423300</p> <p>Proof of payment must accompany the application form. Indicate reference number below.</p> <p>Tax exemption status: Status: Tax exempted</p> <p>Reference number: .....</p>
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**PROJECT DESCRIPTION**

Please provide a **detailed** description of the project.

**Eskom (SOC)** obtained an environmental authorization on 09 October 2009 from the Department of Environmental Affairs (DEA) for the construction of a new 400 kV power line from the Kusile Power Station (Mpumalanga), to the existing Lulamisa substation near Diepsloot in Gauteng Province (DEA Reference No. 12/12/20/1094) (See Figure 6.1 in Appendix 6). This line will be approximately 120 km's in length and will cover an area from Witbank in the east, to Diepsloot in the west. The construction of this proposed 400 kV power line is aimed to ensure sufficient electricity supply to the Diepsloot and Johannesburg North areas, where currently frequent electricity shortages are experienced. Following approval by DEA in 2009, it has been determined that certain tower footings associated with the power lines might impact on watercourse crossings and drainage lines and therefore also require authorization from DEA.

The powerline crosses 6 Quaternary Catchments (A21C, A21B, A21A, A23A, B20D and B20F). Several perennial and non-perennial watercourses are crossed by the proposed powerline (Figure 6.1 in Appendix 6). The majority of the water drains in two main directions. The central to western parts of the line drain northwest towards the Hartbeespoort Dam and the Crocodile River. This section of the lines falls in the 3rd, Crocodile West, Marico Water Management Area. The remainder drains towards the northeast into the Olifants River and falls within the 4th (Olifants) Water Management Area. Important rivers crossed by the line, from west to east are: Jukskei River; Rietvlei River; Hennops River; Pienaars River; Honde River; Bronkhortspruit and the Wilge River.

A total of 31 watercourses are crossed by the proposed line. The total amount of wetlands can be broken down into 8 floodplain wetlands, 20 unchannelled valley bottom wetlands, 2 depression wetlands and one riparian area which may subsequently be affected by the tower footings. Each tower footing will be variable and dependant on the area (Wetland, water source type, drainage, soils, etc) in order to minimise potential impacts.

The proposed activity requires Environmental Authorisation in terms of the National Environmental Management Act (NEMA) (Act 107 of 1998). Activities identified in Listing Notice 1 of General Notice Regulations (GN R.) 983 and Listing Notice 3 of GN R. 985 are triggered by the proposed project and thus a Basic Assessment (BA) process is being undertaken.

Please also note that a Water Use Licence or a General Authorisation Application with the Department of Water and Sanitation may be required in terms of the National Water Act No. 36 of 1998 for the following water uses:

- Section 21 (c): impeding or diverting the flow of water in a watercourse; and
- Section 21 (i): altering the bed, banks, course or characteristics of a watercourse.

The Water use Licence Application will be undertaken as a separate application and will be submitted to the Department of Water and Sanitation.

Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?	YES ✓	NO
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If YES, please indicate which SIPs are applicable in **Appendix 2**. You are also required to provide confirmation of SIP applications from the relevant sector representative which must be attached in **Appendix 2**

Please indicate which sector the project falls under by crossing out the relevant block in the table below:

**Table 1**

Green economy + "Green" and energy-saving industries		Greenfield transformation to urban or industrial form (including mining)	
Infrastructure – electricity (generation, transmission & distribution)	✓	Biodiversity or sensitive area related activities	
Oil and gas		Mining value chain	
Biofuels		Potential of metal fabrication capital & transport equipment – arising from large public investments	
Nuclear		Boat building	
Basic services (local government) – electricity and electrification	✓	Manufacturing – automotive products and components, and medium and heavy commercial vehicles	
Basic services (local government) – area lighting		Manufacturing – plastics, pharmaceuticals and chemicals	
Infrastructure – transport (ports, rail and road)		Manufacturing – clothing textiles, footwear and leather	
Basic services (local government access roads)		Forestry, paper, pulp and furniture	
Basic services (local government) – public transport		Business process servicing	
Infrastructure – water (bulk and reticulation)		Advanced materials	
Basic services (local government) – sanitation		Aerospace	
Basic services (local government) – waste management		Basic services (local government) – education	
Basic services (local government) water		Basic services (local government) – health	
Agricultural value chain + agro-processing (linked to food security and food pricing imperatives)		Basic services (local government) - housing	
Infrastructure – information and communication technology		Basic services (local government) security of tenure	
Tourism + strengthening linkages between cultural industries and tourism		Other	
Basic services (local government) – public open spaces and recreational facilities			

**Table 2**

Does the listed activity/ies applied for form part of a larger project which is not a listed activity itself e.g. a road that is a listed activity that is needed to access a drilling site where the drilling does not constitute a listed activity.	YES	NO ✓
If indicated yes above, please provide a brief description on how the activity/ies relate to the larger project that forms part there of:		

## GENERAL INFORMATION

Applicant name:	Eskom SOC Holdings, Ltd		
Registration number (if applicant is a company)	2002/015527/30		
Trading name (if any)	Eskom		
Responsible person name (If the applicant is a company):	Itumeleng Moeng		
Applicant/ Responsible person ID number:	7204085363084		
Responsible position, e.g. Director, CEO, etc.:	Programme Manager		
Physical address:	Eskom Megawattpark, No 1 Maxwell Drive, Sunninghill		
Postal address:	P. O. Box 1091, JOHANNESBURG		
Postal code:	2000	Cell:	082 477 2865
Telephone:	0118004114	Fax:	086 566 4180
E-mail:	moengl@eskom.co.za	BBBEE status	

Provincial Authority:	The Mpumalanga Department of Economic Development and Tourism		
Contact person:	Mr M Mkhize		
Postal address:	Private Bag X11215, Nelspruit		
Postal code:	1200	Cell:	
Telephone:	013 766 4004	Fax:	013 766 4614
E-mail:	thobelam@mpg.gov.za		

Provincial Authority:	Gauteng Department of Agriculture & Rural Development		
Contact person:	Mr Nhlanhla Makhathini		
Postal address:			
Postal code:		Cell:	
Telephone:	011 355 1434	Fax:	
E-mail:	nhlanhla.makhathini@gauteng.gov.za		

Local municipality	See Appendix 3		
Contact person:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

In instances where there is more than one local authority involved, please attach a list of those local authorities with their contact details as **Appendix 3**.

Landowner:	See Appendix 4		
Contact person:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as **Appendix 4**. If the applicant is not the owner or person in control of the land, proof of

notice to the landowner or person in control of the land on which the activity is to be undertaken must be submitted in **Appendix 4**.

Identified Competent Authority to consider the application:	Department of Environmental Affairs ( <b>National</b> )
Reason(s) in terms of S 24C of NEMA 1998 as amended	The project involves the generation of electricity; and The activity is to be undertaken by a statutory body, i.e. Eskom is a Parastatal entity.

**ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION**

EAP:	Gesam Govender	
Professional affiliation/registration:	South African Council for Natural Scientific Professions (SACNASP) Reg. No. 400049/12	
Contact person (if different from EAP):	Andrisha Govender	
Company:	Envirolution Consulting (Pty) Ltd	
Physical address:	Unit 1a & 2, Vista Place, Cnr of Glen Avenue and Vorster Avenue, Glenanda	
Postal address:	P.O.Box 1878, Sunninghill	
Postal code:	2157	Cell: 083 3826 091
Telephone:	0861 44 44 99	Fax: 0861 626 222
E-mail:	gesan@envirolution.co.za	

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by Regulation 12 of GN R.982, dated December 2014, prior to the commencement of the process. The declaration of independence and the Curriculum Vitae (indicating the experience with environmental impact assessment and the relevant application processes) of the EAP must also be submitted to the Department.

**SITE DESCRIPTION**

Provide a detailed description of the site involved in the application.

Province	Gauteng
Metropolitan Municipality	City of Tshwane, City of Johannesburg, Ekurhuleni
Ward number(s)	<b>City of Tshwane</b> – 48, 65, 77, 91, 101, 102, 105 <b>City of Johannesburg</b> – 92, 96, 112, 113 <b>Ekurhuleni</b> – 1, 89
Nearest town(s)	<b>City of Tshwane</b> – Bronkhorstspuit, Pretoria Rural, Centurion <b>City of Johannesburg</b> – Diepsloot <b>Ekurhuleni</b> – Olifantsfontein
Farm name(s), number(s) and Portion number(s)	<b>Blue Hills 397-JR</b> – 24, 27, 28, 31, 32, 33, 46, 47, 48 <b>Boschkop 369-JR</b> – 1, 2 <b>Diepsloot 388-JR</b> – 0, 5, 6 <b>Doornkloof 391-JR</b> – 15, 23, 41, 113, 191 <b>Doornrandje 386-JR</b> – 2, 13, 42, 43, 44, 106,110 <b>Grootfontein 394-JR</b> – 0, 8, 20, 21, 24, 26 <b>Jakhalsfontein 528-JR</b> – 8, 10, 11, 21, 22 <b>Kleinfontein 368-JR</b> – 0, 1 <b>Kleinzonderhout 519-JR</b> – 4, 9, 10, 12, 19, 20, 21, 22, 23, 24 <b>Klipleiland 524-JR</b> – 26, 27, 28

<p>Klipkop 396-JR – 0, 11, 14, 41, 45, 58, 59, 61  Knopjeslaagte 385-JR – 22, 331, 3, 20, 21, 112, 186, 197, 200, 215, 216, 217, 218  Kortfontein 530-JR – 1  Kosmosdal 860 – Erf  Kosmosdal 892 – Erf  Kosmosdal 898 – Erf  Kosmosdal 900 – Erf  Kosmosdal 905 – Erf  Kosmosdal 906 – Erf  Kosmosdal 907 – Erf  Kosmosdal 908 – Erf  Kosmosdal 979 – Erf  Kruispaai 392-JR – 0  Nooitgedacht 525-JR – 0, 5, 23, 54  Olievenhoutbosch 389-JR – 2, 35, 48, 49, 56, 57, 106, 133, 225  Olifantsfontein 410-JR – 1, 34, 48  Onverwacht 532-JR – 2, 6, 11, 20, 45  Puntlyf 520-JR – 9, 10  Randjesfontein 405-JR – 359  Rhenosterfontein 514-JR – 0, 5, 13, 26  Rietfontein 532-JQ – 0, 45  Rietvlei 518-JR – 2, 22  Spitskop 533-JR – 3, 39  Sterkfontein 401-JR – 2, 3, 19  Tiegerpoort 371-JR – 2, 37, 38, 128, 129, 130, 208, 244  Viakfontein 523-JR – 5, 7, 9, 10, 13, 14, 15, 16  Vleiland 635-JR – 0  Witfontein 521-JR – 6, 8, 16, 17, 30  Witkoppies 393-JR – 1, 24, 26, 34</p>
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Province	Mpumalanga
District Municipality	Nkangala District Municipality
Local Municipality	Victor Khanye (Delmas)
Ward number(s)	9
Nearest town(s)	Delmas, Botleng
Farm name(s), number(s) and Portion number(s)	<b>Hartbeestfontein 537 – 0, 1, 2,4, 5, 8</b>

SG 21 Digit Code(s)

(If there are more than 4, please attach a list with the rest of the codes as Appendix 5)

Blue Hills 397-JR																			
T	O	J	R	0	0	0	0	0	0	0	0	3	9	7	0	0	0	2	4
T	O	J	R	0	0	0	0	0	0	0	0	3	9	7	0	0	0	2	7
T	O	J	R	0	0	0	0	0	0	0	0	3	9	7	0	0	0	2	8
T	O	J	R	0	0	0	0	0	0	0	0	3	9	7	0	0	0	3	1
			2			3					4						5		

Please refer to Appendix 5 for the continuation of the list



Are there any other applications for Environmental Authorisation on the same property?	YES	NO ✓
If YES, please indicate the following:		
Competent Authority		
Reference Number		
Project Name		
Please provide details of the steps taken to ascertain this information:		

## ACTIVITIES TO BE AUTHORISED

For an application for authorisation that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Detailed description of listed activities associated with the project	
Listed activity as described in GN R 983, 984 and 985	Description of project activity that triggers listed activity
<p><b><u>GNR 983: 2014 (Listing Notice 1) Activity 12</u></b>            The development of –            (xii) infrastructure or structures with a physical footprint of 100 square metres or more;            Where such development occurs –            within a watercourse; or            within 32 metres of a watercourse, measured from the edge of a watercourse.</p>	<p>Due to the footprint of all tower footings crossing a watercourse and within 32 metres of a watercourse, this activity is applicable. As part of the new 400kV power lines there is a footing that is proposed after approximately every 400m therefore a total of approximately 468 tower footings of which there are 86 towers that are existing and 382 proposed new towers. Due to the footprint of all tower footings crossing a watercourse and within 32 metres of a watercourse, this activity is applicable</p>
<p><b><u>GNR 983: 2014 (Listing Notice 1) Activity 19</u></b>            The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells grit, pebbles or rock of more than 5 cubic metres from - a watercourse.</p>	<p>It is assumed that each tower would be erected on concrete footings with dimensions of 2 x 2 x 2 m (area = 4 m<sup>2</sup> and volume = 8 m<sup>3</sup>) for each concrete footing. The number of foundations will be dependent on the type of tower chosen. To ensure the towers is built according to safe building standards there will have to be excavations and trenching, laying the foundation and other intrusive construction activities within the water courses that will trigger this activity.</p>
<p><b><u>GNR 985: 2014 (Listing Notice 3) Activity 14</u></b>            The development of –            (xii) infrastructure or structures where the physical footprint is of 10 square metres or more;            Where such development occurs –            (a) within a watercourse;            (b) in Gauteng;            (vi) sensitive areas identified in an environmental management framework adopted by relevant environmental authority.</p>	<p>Conservation status as indicated by the National Biodiversity Assessment (SANBI, 2011) shows that areas in the west are endangered and Critically Endangered (with little Least Concern) while the eastern area is mainly classified as Vulnerable .Tower footings which are positioned within /within the 32m buffer zone of a watercourse and in sensitive areas(critically endangered or endangered) will trigger this activity</p>

Please note that any authorisation that may result from this application will only cover activities specifically applied for. Co-ordinate points indicating the location of each listed activity must be provided with the relevant report (i.e. either BAR or EIR).

Please provide a project map indicating any sensitive areas (e.g. critical biodiversity area, World Heritage Site, etc.) overlaid by the study area in **Appendix 6**.

A project schedule, indicating the different phases and timelines of the project, must be attached as **Appendix 7**.

**PUBLIC PARTICIPATION**

Provide details of the public participation process proposed for the application as required by Regulation 41(2) of GN R .982, dated December 2014.

The following activities will be undertaken as part of the Public Participation Process  
 Placement of site notices in the surrounding area of the project site announcing the development and the opportunity to register as an I&AP and comment on the development  
 Placement of advertisements in local newspapers. The adverts will provide information on the development and also invited all I&AP to registers them as such and comment on the development if they wish to do so.  
 Identification and notification of I&APs for project registration  
 A database of all key stakeholders and organs of state will be created  
 Distribution of BID Document and Letter of Notification to all I&AP's  
 Placement of Draft Basic Assessment in public places for review by Interested and affected parties for 30 days  
 Determination of the need to hold public and focus group meetings. The need of the meeting will depend on the public interest and the nature of the issues that will be raised by Interested and Affected parties  
 Following the issuing of the Environmental Authorisation, all identified and registered I&APs will be informed of the outcome of the Environmental Authorisation process.  
 A Public Participation report will be prepared to document all concerns and comments raised during the public participation process

**OTHER AUTHORISATIONS REQUIRED**

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO ✓	YES	NO
<b>SEMA's</b>				
National Environmental Management: Air Quality Act	YES	NO ✓	YES	NO
National Environmental Management: Biodiversity Act	YES	NO ✓	YES	NO
National Environmental Management: Integrated Coastal Management Act	YES	NO ✓	YES	NO
National Environmental Management: Protected Areas Act	YES	NO ✓	YES	NO
National Environmental Management: Waste Act	YES	NO ✓	YES	NO
<b>National legislation</b>				
Mineral Petroleum Development Resources Act	YES	NO ✓	YES	NO
National Water Act <i>A WULA will be submitted once the decision regarding the application has been reached by the DEA.</i>	YES ✓	NO	YES	NO ✓
National Heritage Resources Act	YES	NO ✓	YES	NO
Others: Please specify	YES	NO ✓	YES	NO

Authorisation already acquired DEA Reference number: 12/12/20/1094.

If authorisation is necessary in terms of the National Environmental Management: Waste Act, please contact the Department for guidance on the **Integrated Permitting System**.

**LIST OF APPENDICES**

		<b>SUBMITTED</b>	
Appendix 1	Proof of Payment/ Motivation for exclusion	YES✓	NO
Appendix 1	Strategic Infrastructure Projects	YES✓	N/A
Appendix 2	List of Local Municipalities (with contact details)	YES✓	N/A
Appendix 3	List of land owners (with contact details) and proof of notification of land owners.	YES✓	NO
Appendix 4	List of SGIDs	YES✓	N/A
Appendix 5	Project map	YES✓	NO
Appendix 6	Project schedule	YES✓	N/A
Appendix 7	Declaration of Applicant	YES✓	NO
Appendix 9	Declaration of EAP	YES✓	NO

**APPENDIX 1  
PROOF OF PAYMENT/ MOTIVATION FOR  
EXCLUSION**



Department of Environmental Affairs  
Directorate: Integrated Environmental Authorizations  
Private Bag X447  
PRETORIA  
0001

Date: 18 May 2016  
L. Motaung

Enquiries:  
Tel +2711 800 8250

Dear Sir

**RE: BRAVO INTEGRATION PROJECTS – PHASE 3: APPLICATION FOR ENVIRONMENTAL  
AUTHORISATION IN TERMS OF NATIONAL ENVIRONMENTAL MANAGEMENT ACT,  
REQUEST FOR EXCLUSION FROM APPLICATION FEE**

Eskom (SOC) has proposed a Basic Assessment and Water Use License Application process associated with the construction tower footings within water courses for Phase 3 of the Bravo Integration Project. The authorised construction of 400kV power lines will span from the new Bravo (Kusile) power station (Mpumalanga) to the existing Lulamisa substation near Diepsloot in the Gauteng Province (DEA Reference No. 12/12/20/1094). The applicant is Eskom Holding SOC Limited. The proposed activity requires Environmental Authorisation in terms of the National Environmental Management Act (NEMA) (Act 107 of 1998).

The application fee for an Environmental Authorisation for which a Basic Assessment is required in terms of the Environmental Impact Assessment Regulations amounts to R2000 (two thousand rands only). However, these Regulations allow exclusion from paying fees for organs of State. Eskom is a State Owned Company (SOC) and therefore requests exclusion from paying the aforementioned R2 000 application fee.

Please do not hesitate to contact me by telephone on the above telephone number should you require further information.

Yours faithfully,

Itumeleng Moeng (Mr)

**Programme Manager: North West and Central Grid**

Group Capital Division  
Eskom Reel Estate  
Land Development Department  
Megawatt Park Maxwell Drive Sunninghill Sandton  
PO Box 1091 Johannesburg 2000 SA  
Tel +27 11 800 8250 Fax +27 086 513 0837 www.eskom.co.za  
Eskom Holdings SOC Ltd Reg No 2002/015527/30

**APPENDIX 2  
STRATEGIC INFRASTRUCTURE PROJECTS**

<p><b>SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst</b>  Unlock mineral resources  Rail, water pipelines, energy generation and transmission infrastructure  Thousands of direct jobs across the areas unlocked  Urban development in Waterberg - first major post-apartheid new urban centre will be a "green" development project  Rail capacity to Mpumalanga and Richards Bay  Shift from road to rail in Mpumalanga  Logistics corridor to connect Mpumalanga and Gauteng.</p>	
<p><b>SIP 2: Durban-Free State-Gauteng logistics and industrial corridor</b>  Strengthen the logistics and transport corridor between SA's main industrial hubs  Improve access to Durban's export and import facilities  Integrate Free State Industrial Strategy activities into the corridor  New port in Durban  Aerotropolis around OR Tambo International Airport.</p>	
<p><b>SIP 3: South-Eastern node &amp; corridor development</b>  New dam at Mzimvubu with irrigation systems  N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains  Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape  A manganese sinter (Northern Cape) and smelter (Eastern Cape)  Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector.</p>	
<p><b>SIP 4: Unlocking the economic opportunities in North West Province</b>  Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure  Enabling reliable supply and basic service delivery  Facilitate development of mining, agricultural activities and tourism opportunities  Open up beneficiation opportunities in North West Province.</p>	
<p><b>SIP 5: Saldanha-Northern Cape development corridor</b>  Integrated rail and port expansion  Back-of-port industrial capacity (including an IDZ)  Strengthening maritime support capacity for oil and gas along African West Coast  Expansion of iron ore mining production and beneficiation.</p>	
<p><b>SIP 6: Integrated municipal infrastructure project</b>  Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.</p>	
<p><b>SIP 7: Integrated urban space and public transport programme</b>  Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.</p>	
<p><b>SIP 8: Green energy in support of the South African economy</b>  Support sustainable green energy initiatives on a national scale through a diverse range of clean</p>	

energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.	
<b>Indicate capacity in MW:</b>	
<b>SIP 9: Electricity generation to support socioeconomic development</b> Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.	
<b>Indicate capacity in MW:</b>	
<b>SIP 10: Electricity transmission and distribution for all</b> Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development. Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.	
<b>SIP 11: Agri-logistics and rural infrastructure</b> Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.	
<b>SIP 12: Revitalisation of public hospitals and other health facilities</b> Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.	
<b>SIP 13: National school build programme</b> A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding.	
<b>SIP 14: Higher education infrastructure</b> Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.	
<b>SIP 15: Expanding access to communication technology</b> Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infracore fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas. While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity. The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally	

<p>from analogue to digital broadcasting.</p>	
<p><b>SIP 16: SKA &amp; Meerkat</b>  SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.</p>	
<p><b>SIP 17: Regional integration for African cooperation and development</b>  Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%.  The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term.  All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.</p>	
<p><b>SIP 18: Water and sanitation infrastructure</b>  A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation.  The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.</p>	

**APPENDIX 3 (IF APPLICABLE)  
LIST OF LOCAL MUNICIPALITIES**

**Metropolitan municipality**  
Contact person:  
Postal address:  
Postal code:  
Telephone:  
E-mail:

City of Johannesburg: Metropolitan Municipality		
Mr Etienne Alliers		
P O Box 1049, JOHANNESBURG		
2000	Cell:	
011 355 1434	Fax:	
EtienneA@joburg.org.za		

**District municipality**  
Contact person:  
Postal address:  
Postal code:  
Telephone:  
E-mail:

Nkangala District Municipality		
Mr Charles Makola		
P O Box 437, MIDDELBURG		
1050	Cell:	072 567 7359
(013) 249 2000	Fax:	(013) 249 2087
nkosimm@nkangaladm.org.za		

**Local municipality**  
Contact person:  
Postal address:  
Postal code:  
Telephone:  
E-mail:

Victor Khanye(Delmas) Local Municipality		
Mr M Mahlangu		
P O Box 6, DELMAS		
2210	Cell:	
(013) 665 6000	Fax:	(013) 665 2913
palesam@victorkhanyelm.gov.za		

**Metropolitan municipality**  
Contact person:  
Postal address:  
Postal code:  
Telephone:  
E-mail:

City of Tshwane: Metropolitan Municipality		
Ms Rudzani Mukheli		
PO Box 440 or PO Box 6338, Pretoria		
0001	Cell:	
012 358 8731	Fax:	
rudzanim@tshwane.gov.za		

**Metropolitan municipality**  
Contact person:  
Postal address:  
Postal code:  
Telephone:  
E-mail:

Ekurhuleni Metropolitan Council		
Mr Stewart Green		
PRIVATE BAG X1069, GERMISTON		
1400	Cell:	
(011) 999 3316/3171	Fax:	
cecilia.rakgoale@ekurhuleni.gov.za or Lillian.kwakwa@ekurhuleni.gov.za		



APPENDIX 4  
LIST OF LAND OWNERS  
PROOF OF NOTIFICATION OF LAND OWNERS

IAP DATABASE

Sector	Title	First Name	Last Name	Farm / Company / Organisation	Tel	E-mail	Address
Landowner	MR	MDUDUZI JOSEPH	KUNENE	MISTY LAKE TRADE & INVEST PTY LTD ONVERWACHT 532 JR - 2,12	013-9320853 082-6872779		P O BOX 2719, RIVONIA, 2128
Landowner		HFC	VENTER	ONVERWACHT 532 JR - 20	079-2981638		P O BOX 193 BRONKHORSTSPRUIT 1020
Landowner	MRS	ANNEMARIE	VAN NIEKERK	DYKEFELD COUNTRY ESTATE PTY LTD ONVERWACHT 532 JR - 11	082-5779260		POSBUS 1994, VANDERBIJLPARK, 1911
Landowner	MR	JOHANNES THEODORUS	JANSEN VAN RENSBURG	MRS N JOEIREIRO KORTFONTEIN 530 JR - 3	082-8573796		POSBUS 73943, LYNWOODDRIF 0040
Landowner	MR	ANDRIES PETRUS	OLIVIER	JAKHALSFONTEIN 528 JR - 21, 11	082-8722469		P O BOX 661 ERMELO 2350
Landowner	MR	ANDREAS MELLET	MOLL	BIO-SELECT CC JAKHALSFONTEIN 528 JR - 10	013 6801 244		P O BOX 1918, BRONKHORSTSPRUIT, 1020
Landowner	MR	SJIN	JANSE VAN RENSBURG	JAKHALSFONTEIN 528 JR - 9	082-2724924		P O BOX 19 BRONKHORSTSPRUIT, 1020
Landowner	MR	JAN GERHARDUS	EHLERS	JAKHALSFONTEIN 528 JR - 8, 22	084-6021246		P O BOX 1084 WITBANK, 1035
Landowner				EAGLES PRIDE HATCHERY PTY LTD NOOITGEDACHT 525 JR - 5, 23	082-3285775		
Landowner		E	VAN NIEKERK	NOOITGEDACHT 525 JR - 113	082-3882589		
Landowner		SG	RICCIO	NOOITGEDACHT 525 JR - 54	082-3883068		

Landowner				DELRO TRUST KLIPEILAND 524 JR - 26	083-3252986			
Landowner				LEBASCO BOEDERY PTY LTD KLIPEILAND 524 JR - 27	082-8041926			32 IDA STRAAT 81 PRETORIA
Landowner	MR	CHARLIE ANTONIE	KEYTER	KLIPEILAND 524 JR - 28	0139351375 072-4728619			
Landowner		MEI-YING	LIU	NAN-HUA FARMING CC VLAKFONTEIN 523 JR - 9	013-9310009			P O BOX 20356, ALKANTRANT, PRETORIA 0005
Landowner	MR	ERICH	VAN NIEKERK	JC LANDSBERG VLAKFONTEIN 523 JR - 5	083-5921581			P O BOX 192 BRONKHORSTSPRUIT, 1020
Landowner	MR	AP	THERON	MC BARNARD TRUST VLEILAND 752 JR - 0	0139321709 082-6961656			P O BOX 69 BRONKHORSTSPRUIT, 1020
Landowner	MR	AP	THERON	VLAKFONTEIN 523 JR - 2,10,7	0139321709 072-6873939			P O BOX 69 BRONKHORSTSPRUIT, 1020
Landowner	MR	MJ	COLERIDGE	VLAKFONTEIN 523 JR - 14 COLERIDGE	083-2984361			P O BOX 20342, CRYSTAL PARK 1515
Landowner	MR	S	STEYN	VLAKFONTEIN 523 JR - 13	076 391 702			P O BOX 5043, KEMPTON PARK GAUTENG, 1620
Landowner	MR	DANIEL JOHANNES	DU PLESSIS	PJ TERBLANCHE VLAKFONTEIN 523 JR - 15	076-8351002			18 SALIE STREET RIAMAR PARK BRONKHORSTSPRUIT 1020
Landowner	MRS	MYRTLE THELMA	SWART	CJJ SWART VLAKFONTEIN 523 JR - 16	073-2842304			PLOT 16 BRONKHORSTSPRUIT 1020
Landowner	MR	ANDRE	BOOYSE	HWR BOOYSE VLAKFONTEIN 523 JR - 17	083-2456784			P O BOX 1025 BRONKHORSTSPRUIT 1020
Landowner	MRS	HANNELIE	HUMAN	KAREN HEWITT WITFONTEIN 521 JR - 6	082-4732069			P O BOX 1676 BRONKHORSTSPRUIT 1020
Landowner				GLYNSTRAAT 441 EIENDOMME WITFONTEIN 521 JR - 30	012-6440092			

Landowner	LESLIE GRAHAM	LANCASTER	KLAPROFS 96 PTY LTD WITFONTEIN 521 JR - 16	082-5531662	P O BOX 3158, EDENVALE, 1610
Landowner	BJ	VD WESTHUIZEN	WITFONTEIN 521 JR - 17	083-2340849	P O BOX 5883 PRETORIA 0001
Landowner	HARDUS	PRINSLOO	A WELGEMOED WITFONTEIN 521 JR - 8	083-6309462	P O BOX 31, WELBEKEND, 1517
Landowner	NICHOLAS JOHN	OBRIEN	PUNTLYF 520 INV PTY LTD PUNTLYF 520 JR - 9	082-6109295	P O BOX 11983, QUEENSWOOD, 0121
Landowner	HENDRIK GERHARDUS	MARE	MA MARE PUNTLYF 520 JR -10	0762915290	P O BOX 579 BRONKHORSTSPRUIT 1020
Landowner	NICHOLAS JOHN	OBRIEN	RIETVLEI 518 JR - 2 PUNTLYF 520 INV PTY LTD	082-6109295	P O BOX 11983, QUEENSWOOD, 0121
Landowner	NJ	O'BRIEN	RIETVLEI 518 JR - 22	082-6109295	
Landowner	KLEIN ZONDER HOUT TRUST		KLEIN ZONDER HOUT TRUST ZONDER HOUT 519 JR - 9, 12	082-5777359	
Landowner	JN	DU PREEZ	KLEIN ZONDER HOUT 519 JR - 10	082-4941295	P O BOX 2113 ZWAVELPOORT, 0036
Landowner	ADRIAN RISSIK	VAN DER BYL	IRENE ESTATE PTY LTD KLEIN ZONDER HOUT 519 JR 4, 19	012-6671000	IRENE ESTATE, PO BOX 589, IRENE, 0062
Landowner	F	HARMSE	KLEIN ZONDER HOUT 519 JR - 24	072-2138800	P O BOX 1198 SILVER 0127
Landowner			RHENOSTERFONTEIN WILD LIFE CONSERVATION KLEIN ZONDER HOUT 519 JR 23, 21, 20	082-8249567	
Landowner	CHERYL MYRA ETHELWYN	MCCRINDLE	KLEIN ZONDER HOUT 519 JR - 22	082-7877823	360 SUNCITY A KWAMHLANGA 1022
Landowner	GERTRUIDA ELIZABETH	STEYN	KLEINFONTEIN 368 JR - 1		P O BOX 3376 PRETORIA 0001

Landowner	FREDERIK GERHARDUS	TERBLANCHE	BOSCHKOP 369 JR - 2	P O BOX 2471 ZWAVELPOORT 0036
Landowner	PETRUS JOHANNES STEFANUS	BOTES	KLIPKOP 396 JR - 0	P O BOX 2857 BROOKLYN SQUARE LYNNWOOD RIDGE 0075
Landowner	MARYNA ALETTA	ELOFF	ASTRAL OPERATIONS LTD 396 JR - 59	POSNET SUITE 276, PRIVATE BAG X1028, DORINGKLOOF, Gauteng, 0146
Landowner	CHERYL MYRA ETHELWYN	MCCRINDLE	KLIPKOP 396 JR - 58	360 SUNCITY A KWAMHLANGA 1022
Landowner	GUNTER	WIPPERMANN	GASTEFARM WAIMANNSTRUH CC KLIPKOP 396 JR - 41	P O BOX 68027, MORELETA PARK, MORELETA PARK, GAUTENG, 0044
Landowner	QUENTIN	VAN DEN BERGH	HC FRANCK KLIPKOP 296 JR - 45	PRIVATE BAG 043 BENONI, BENONI 1500
Landowner	MARTHINUS GERHARDUS	JANSE VAN VUUREN	MIROS KAFFKA FAMILIE TRUST KLIPKOP 396 JR - 11	P O BOX 803 SECUNDA 2302
Landowner	IZAK ZIRK LOMBARD	BERG	RIZVAL BOEDERY PTY LTD KLIPKOP 396 JR - 185	POSBUS 259, DELMAS, 2210
Landowner	CHEN-CHUNG	CHENG	CHEN CHUNG PAN KLIPKOP 396 JR - 14	
Landowner	MNPJ	DE CUYPERE	WATERLOO 760 JR - 0	
Landowner	SUZANNE	MARGARET DANIELS	ESKOM RIETFontein 395 JR - 47	P O BOX 1091, JOHANNESBURG, Gauteng, 2000
Landowner	J	VENTER	TIEGERPOORT 371 JR - 130	P O BOX 11161 TIEGERPOORT SUNNYSIDE 0056
Landowner	WALTER TERRY	LOURENS	MAEE LOURENS TIEGERPOORT 371 JR - 128	12 LANESFIELD CLOSE PRESTBURY PIETERMARITZBURG 3201

Landowner	MARY ANN ELIZABETH EVA	LOURENS	MAEE LOURENS TIEGERPOORT 371 JR - 129	082-6331844	P O BOX 262 PIETERMARITZBURG KWA-ZULU,NATAL, 3224
Landowner			RA SKINNER DEVELOPMENT PTY LTD TIEGERPOORT 371 JR - 2	083-2505152	
Landowner			TIEGERPOORT 371 JR - 38 FEATHERS & FINS CC	072-6903204	
Landowner	PIETER FRANCOIS	DU PREEZ	Q 4 CHEMICALS PTY LTD TIEGERPOORT 371 JR - 327	012-3615151	P O BOX 74423, LYNNWOOD RIDGE, 0040
Landowner	SOLOMON PETER	VERMAAK	TIEGERPOORT 371 JR - 244	083-2684997	P O BOX 16681 FONTEINRIET KLIPBOORTJIE, 1464
Landowner	AE	GRAVETT	TIEGERPOORT 371 JR - 37	083-4607374	P O BOX 102049 PRETORIA 0001
Landowner			BLUE CRANE COUNTRY ESTATE PTY LTD GROOTFONTEIN 394 JR - 24	082-8200907	
Landowner			STIAN VAN AS TRUST GROOTFONTEIN 394 JR - 26	082-5586749	
Landowner	DANIEL JACOBUS	ERASMUS	JONDELLE PROP HOLDINGS PTY LTD GROOTFONTEIN 394 JR - 8,21	083-2272586	PO BOX 736, NEWLANDS, PRETORIA, GAUTENG, 0049
Landowner	ZAHEER	ASMAL	TOWNDEV PTY LTD GROOTFONTEIN 394 JR - 20		PO BOX 21011, ROSHNEE, T, GAUTENG, 1936
Landowner			PP & MC TRUST GROOTFONTEIN 394 JR - 0	082-7747338	
Landowner	PETER ANTHONY	AMM	CORBRICK PTY LTD WITKOPPIES 393 JR - 26		P O BOX 201367, DURBAN NORTH, 4016
Landowner	JOULIEN	PRETORIUS	CHIEFTAIN REAL ESTATE INC INV IRELAND WITKOPPIES 393 JR - 1	083-3139671	P O BOX 73943, LYNNWOOD RIDGE, PRETORIA, GAUTENG, 0040
Landowner	WILLIE	KUSEL	UNITS 5 & 6 LAKESIDE PTY LTD STERKFONTEIN 401 JR - 2	031-7672169 083-6278719	PO BOX 70463, OVERPORT, OVERPORT, KWA-ZULU NATAL, 4067

Landowner	MARIA DE LURDES PINHO	FERREIRA	RIVER END TRADING 233 CC OLIEVENHOUTBOSCH 389 JR - 56	011-7933003 082-7840806	P O BOX 11580, MAROELANA, 0161
Landowner	KWEZI	CHIBAKULI	THANDABATHO MANAGERS CC BLUE HILLS 397 JR - 86	086-7277991	P O BOX 35465, MENLO PARK, 0102
Landowner	GAVIN VINCENT	DILLISEUR	KNOPJESLAAGTE 385 JR - 3	082-9262483	P O BOX 5819 HALFWAY HOUSE, MIDRAND 1685
Landowner			SICILIANO CHILDRENS TRUST KNOPJESLAAGTE 385 JR - 218	082-8815293	P O BOX 1935, NORTHCLIFF, 2115
Landowner	STEVE	WATKINS	PLOT 217 LONDON LANE PTY LT KNOPJESLAAGTE 385 JR - 217	082-9039336	P O BOX 30504 KYALAMI 1684
Landowner	BRIAN KEITH	LARSEN	KNOPJESLAAGTE 385 JR - 916	082-4867794	PRIVATE BAG X4, BENMORE, 2010
Landowner	ALBERT EDWARD	DU TRIOU	G N PROP PTY LTD KNOPJESLAAGTE 385 JR - 216	011-3175300 083-3269742	
Landowner			HIGHVELD ORGANIC PRODUCTS PTY LTD KNOPJESLAAGTE 385 JR - 197, 186	082-7715735	P O BOX 100 DUGLASDALE JOHANNESBURG 2000
Landowner	K	HLALELE	KNOPJESLAAGTE 385 JR - 200	082-6832729	PO BOX 70406, BRYANSTON, GAUTENG, 2021
Landowner	YOUNUS SULEMAN	ATCHA	DUNROSE INV 210 PTY LTD KNOPJESLAAGTE 385 JR - 22	083-3915928	
Landowner			KALANRI GESINSTRUST KNOPJESLAAGTE 385 JR - 20, 21	082-8948777	P O BOX 1996 FOUR WAYS, 2055
Landowner	PIETER	CLAUSING	LAEZONIA AH 162 JR - 0	082-3692995	
Landowner	LAVINE	SINGH	ESTATE GJ THEUNISSEN LAEZONIA AH 79 JR - 0	012-6699926	P O BOX 782561, SANDTON, 2146
Landowner	MICHAEL RAYMOND NELSON	WAINWRIGHT	GREEN MILE INV 248 CC LAEZONIA AH 76 JR - 0		

Landowner	MILUNGISI	KWINI	Z KWINI LAEZONIA AH 78 JR - 0	083-3820226	P O BOX 411333, CRAIGHALL, 2024
Landowner	ELIZABETH HEATHER	AVENANT	LAEZONIA AH 72 JR - 0	082-9596758	P O BOX 21 LAEZONIA 0026
Landowner	PUTSWANA JOHANNES	SENOAMADI	LAEZONIA AH 73 JR - 0	015-4918567 082-3726922	P O BOX 4452 MOKOPANE POTGIETERSRUS 0600
Landowner	CHRISTOPHER JOHN HILTON	PAULET	LAEZONIA AH 71 JR - 0	073-1211998	P O BOX 801 LANSERIA 1748
Landowner	BELINDA	NEALE	G NEALE LAEZONIA AH 70 JR - 0		P O BOX 3506 HONEYDEW 2040
Landowner	PETER JOHN	SMITH	LAEZONIA AH 69 JR 0	073-1413326	P O BOX 12077 CLUBVIEW 0014
Landowner	JOHAN PAUL	DU TOIT	G BARNETT LAEZONIA AH 68 JR - 0	083-5017901	P O BOX 21222 VALHALLA 0137
Landowner	KEVIN	POTT	LAEZONIA AH 67 JR - 0	082-8525401	P O BOX 247 LAEZONIA
Landowner	WENCHE HIJIA	WILSON	LAEZONIA AH 66 JR - 0	083-3546786	P O BOX 30493 PRETORIA 0001
Landowner	DOUWLINA GERTINA	SCHULTZ	LAEZONIA AH 65 JR - 0	082-7349399	P O BOX 69629 BRYASTON 2021
Landowner	GARY JAMES	GRIEVESON	H SCHULTZ LAEZONIA AH 64 JR - 0	082-4408470	18 12TH STREET PARKHURST 2193
Landowner	MRS MONIKA EMMA HEDWIG	LAGEMANN	M FLIS LAEZONIA AH 63 JR - 0	083-4423885	
Landowner	DR CECIL	TREADWILL	LAEZONIA AH 62 JR - 0		P O BOX 69889 BRYANSTON 2060
Landowner			LOURENCO JORGE & BROTHERS PTY LTD DOORNRAANDE 386 JR - 110	072-0438454	

Landowner	JACOBUS HENDRIK DE LA REY	SNYMAN	PROPERTY CATS PTY LTD DOORNRANDJE 386 JR - 13	011-3869000	P O BOX 787416, SANDTON, 2146
Landowner	RUSSEL ANTHONY	KHOURIE	DOORNRANDJE 386 JR - 42, 43, 44	011-8836770 082-6551234	P O BOX 299 KRUGERSDORP 1740
Landowner	AH	BALFOUR	RIETFontein 532 JQ - 45	084-6996063 084-6996063	P O BOX 235 LAEZONIA 0026
Landowner	GLYNN ROBERT	BURGER	WINDY BAY PROP 101 PTY LTD DIEPSLOOT 388 JR - 130		PO BOX 78949, SANDTON, SANDTON, GAUTENG, 2146
Landowner	TEDDY FREDDRICK	GREAVER	VALUMAX NORTHERN FARMS PTY LTD DIEPSLOOT 388 JR - 5	011-4638882 083-2628668	P O BOX 1708, BROOKLYN SQUARE, 0075
Landowner			NATIONAL GOVERNMENT RSA SPITSKOP 533 JR -3	011-3554000	
Landowner			RM KGOSANA TRUST SPITSKOP 533 JR -39	011-6478012 083-2787611	
Landowner			RM KGOSANA FAMILY TRUST ONVERWACHT 532 JR - 6,45	011-6478012	



**APPENDIX 5 (IF APPLICABLE)  
LIST OF SGIDS**

<b>Blue Hills 397-JR - continued</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	7	0	0	0	3	2
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	7	0	0	0	3	3
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	7	0	0	0	4	6
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	7	0	0	0	4	7
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	7	0	0	0	4	8
<b>Boschkop 369-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	3	6	9	0	0	0	0	1
T	O	J	R	0	0	0	0	0	0	0	0	0	3	6	9	0	0	0	0	2
<b>Diepsloot 388-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	8	0	0	0	0	0
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	8	0	0	0	0	5
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	8	0	0	0	0	6
<b>Doornkloof 391-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	1	0	0	0	1	5
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	1	0	0	1	1	3
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	1	0	0	0	2	3
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	1	0	0	0	4	1
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	1	0	0	1	9	1
<b>Doornrandje 386-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	6	0	0	0	0	2
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	6	0	0	0	1	3
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	6	0	0	0	4	2
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	6	0	0	0	4	3
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	6	0	0	0	4	4
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	6	0	0	1	0	6
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	6	0	0	1	1	0
<b>Grootfontein 394-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	4	0	0	0	0	0
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	4	0	0	0	0	8
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	4	0	0	0	2	0
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	4	0	0	0	2	1
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	4	0	0	0	2	4
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	4	0	0	0	2	6
<b>HARTBEESTFONTEIN 537 - (MPUMALANGA)</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	5	3	7	0	0	0	0	8
T	O	J	R	0	0	0	0	0	0	0	0	0	5	3	7	0	0	0	0	5
T	O	J	R	0	0	0	0	0	0	0	0	0	5	3	7	0	0	0	0	0
T	O	J	R	0	0	0	0	0	0	0	0	0	5	3	7	0	0	0	0	4
T	O	J	R	0	0	0	0	0	0	0	0	0	5	3	7	0	0	0	0	1
T	O	J	R	0	0	0	0	0	0	0	0	0	5	3	7	0	0	0	0	2
<b>Jakhalsfontein 528-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	8	0	0	0	0	8
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	8	0	0	0	1	0
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	8	0	0	0	1	1
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	8	0	0	0	2	1
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	8	0	0	0	2	2
<b>Kleinfontein 368-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	3	6	8	0	0	0	0	0
T	O	J	R	0	0	0	0	0	0	0	0	0	3	6	8	0	0	0	0	1

Kleinzonderhout 519-JR																		
T	O	J	R	0	0	0	0	0	0	0	0	5	1	9	0	0	0	4
T	O	J	R	0	0	0	0	0	0	0	0	5	1	9	0	0	0	9
T	O	J	R	0	0	0	0	0	0	0	0	5	1	9	0	0	1	0
T	O	J	R	0	0	0	0	0	0	0	0	5	1	9	0	0	1	2
T	O	J	R	0	0	0	0	0	0	0	0	5	1	9	0	0	1	9
T	O	J	R	0	0	0	0	0	0	0	0	5	1	9	0	0	2	0
T	O	J	R	0	0	0	0	0	0	0	0	5	1	9	0	0	2	1
T	O	J	R	0	0	0	0	0	0	0	0	5	1	9	0	0	2	2
T	O	J	R	0	0	0	0	0	0	0	0	5	1	9	0	0	2	3
T	O	J	R	0	0	0	0	0	0	0	0	5	1	9	0	0	2	4
Klpeiland 524-JR																		
T	O	J	R	0	0	0	0	0	0	0	0	5	2	4	0	0	2	6
T	O	J	R	0	0	0	0	0	0	0	0	5	2	4	0	0	2	7
T	O	J	R	0	0	0	0	0	0	0	0	5	2	4	0	0	2	8
Klipkop 396-JR																		
T	O	J	R	0	0	0	0	0	0	0	0	3	9	6	0	0	0	0
T	O	J	R	0	0	0	0	0	0	0	0	3	9	6	0	0	1	1
T	O	J	R	0	0	0	0	0	0	0	0	3	9	6	0	0	1	4
T	O	J	R	0	0	0	0	0	0	0	0	3	9	6	0	0	4	1
T	O	J	R	0	0	0	0	0	0	0	0	3	9	6	0	0	4	5
T	O	J	R	0	0	0	0	0	0	0	0	3	9	6	0	0	5	8
T	O	J	R	0	0	0	0	0	0	0	0	3	9	6	0	0	5	9
T	O	J	R	0	0	0	0	0	0	0	0	3	9	6	0	0	6	1
Knopjeslaagte 385-JR																		
T	O	J	R	0	0	0	0	0	0	0	0	3	8	5	0	0	2	2
T	O	J	R	0	0	0	0	0	0	0	0	3	8	5	0	0	3	1
T	O	J	R	0	0	0	0	0	0	0	0	3	8	5	0	0	0	3
T	O	J	R	0	0	0	0	0	0	0	0	3	8	5	0	0	2	0
T	O	J	R	0	0	0	0	0	0	0	0	3	8	5	0	0	2	1
T	O	J	R	0	0	0	0	0	0	0	0	3	8	5	0	0	1	1
T	O	J	R	0	0	0	0	0	0	0	0	3	8	5	0	0	1	8
T	O	J	R	0	0	0	0	0	0	0	0	3	8	5	0	0	1	9
T	O	J	R	0	0	0	0	0	0	0	0	3	8	5	0	0	2	0
T	O	J	R	0	0	0	0	0	0	0	0	3	8	5	0	0	2	1
T	O	J	R	0	0	0	0	0	0	0	0	3	8	5	0	0	2	1
T	O	J	R	0	0	0	0	0	0	0	0	3	8	5	0	0	2	1
T	O	J	R	0	0	0	0	0	0	0	0	3	8	5	0	0	2	1
T	O	J	R	0	0	0	0	0	0	0	0	3	8	5	0	0	2	1
Kortfontein 530-JR																		
T	O	J	R	0	0	0	0	0	0	0	0	5	3	0	0	0	0	1
KOSMOSDAL erf																		
T	O	J	R	0	0	0	0	0	0	0	0	8	6	0	0	0	0	0
T	O	J	R	0	0	0	0	0	0	0	0	8	9	2	0	0	0	0
T	O	J	R	0	0	0	0	0	0	0	0	8	9	8	0	0	0	0
T	O	J	R	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0
T	O	J	R	0	0	0	0	0	0	0	0	9	0	5	0	0	0	0
T	O	J	R	0	0	0	0	0	0	0	0	9	0	6	0	0	0	0
T	O	J	R	0	0	0	0	0	0	0	0	9	0	7	0	0	0	0
T	O	J	R	0	0	0	0	0	0	0	0	9	0	8	0	0	0	0
T	O	J	R	0	0	0	0	0	0	0	0	9	7	9	0	0	0	0
Kruispaai 392-JR																		
T	O	J	R	0	0	0	0	0	0	0	0	3	9	2	0	0	0	0
Nooitgedacht 525-JR																		

T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	5	0	0	0	0	
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	5	0	0	0	5	
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	5	0	0	0	2	3
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	5	0	0	0	5	4
<b>Olievenhoutbosch 389-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	9	0	0	0	3	5
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	9	0	0	0	4	8
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	9	0	0	0	4	9
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	9	0	0	1	0	6
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	9	0	0	1	3	3
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	9	0	0	2	2	5
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	9	0	0	0	0	2
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	9	0	0	0	5	6
T	O	J	R	0	0	0	0	0	0	0	0	0	3	8	9	0	0	0	5	7
<b>Olifantsfontein 410-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	1
T	O	J	R	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	3	4
T	O	J	R	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	4	8
<b>Onverwacht 532-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	5	3	2	0	0	0	0	2
T	O	J	R	0	0	0	0	0	0	0	0	0	5	3	2	0	0	0	0	6
T	O	J	R	0	0	0	0	0	0	0	0	0	5	3	2	0	0	0	1	1
T	O	J	R	0	0	0	0	0	0	0	0	0	5	3	2	0	0	0	2	0
T	O	J	R	0	0	0	0	0	0	0	0	0	5	3	2	0	0	0	4	5
<b>Puntlyf 520-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	9
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	1	0
<b>Randjesfontein 405-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	4	0	5	0	0	3	5	9
<b>Rhenosterfontein 514-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	5	1	4	0	0	0	0	0
T	O	J	R	0	0	0	0	0	0	0	0	0	5	1	4	0	0	0	0	5
T	O	J	R	0	0	0	0	0	0	0	0	0	5	1	4	0	0	0	1	3
T	O	J	R	0	0	0	0	0	0	0	0	0	5	1	4	0	0	0	2	6
<b>Rietfontein 532-JQ</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	5	3	2	0	0	0	4	5
T	O	J	R	0	0	0	0	0	0	0	0	0	5	3	2	0	0	0	0	0
<b>Rietvlei 518-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	5	1	8	0	0	0	0	2
T	O	J	R	0	0	0	0	0	0	0	0	0	5	1	8	0	0	0	2	2
<b>Spitskop 533-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	5	3	3	0	0	0	3	9
T	O	J	R	0	0	0	0	0	0	0	0	0	5	3	3	0	0	0	0	3
<b>Sterkfontein 401-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	2
T	O	J	R	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	3
T	O	J	R	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	1	9
<b>Tiegerpoort 371-JR</b>																				
T	O	J	R	0	0	0	0	0	0	0	0	0	3	7	1	0	0	0	0	2
T	O	J	R	0	0	0	0	0	0	0	0	0	3	7	1	0	0	0	3	7
T	O	J	R	0	0	0	0	0	0	0	0	0	3	7	1	0	0	0	3	8
T	O	J	R	0	0	0	0	0	0	0	0	0	3	7	1	0	0	1	2	8
T	O	J	R	0	0	0	0	0	0	0	0	0	3	7	1	0	0	1	2	9

T	O	J	R	0	0	0	0	0	0	0	0	0	3	7	1	0	0	1	3	0	
T	O	J	R	0	0	0	0	0	0	0	0	0	3	7	1	0	0	2	0	8	
T	O	J	R	0	0	0	0	0	0	0	0	0	3	7	1	0	0	2	4	4	
<b>Vlakfontein 523-JR</b>																					
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	3	0	0	0	0	5	
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	3	0	0	0	0	7	
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	3	0	0	0	0	9	
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	3	0	0	0	1	0	
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	3	0	0	0	1	3	
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	3	0	0	0	1	4	
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	3	0	0	0	1	5	
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	3	0	0	0	1	6	
<b>Vleiland 635-JR</b>																					
T	O	J	R	0	0	0	0	0	0	0	0	0	6	3	5	0	0	0	0	0	
<b>Witfontein 521-JR</b>																					
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	1	0	0	0	0	6	
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	1	0	0	0	0	8	
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	1	0	0	0	1	6	
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	1	0	0	0	1	7	
T	O	J	R	0	0	0	0	0	0	0	0	0	5	2	1	0	0	0	3	0	
<b>Witkoppies 393-JR</b>																					
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	3	0	0	0	0	1	
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	3	0	0	0	2	4	
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	3	0	0	0	2	6	
T	O	J	R	0	0	0	0	0	0	0	0	0	3	9	3	0	0	0	3	4	
<b>1</b>	<b>2</b>			<b>3</b>				<b>4</b>					<b>5</b>								



APPENDIX 6  
PROJECT MAP

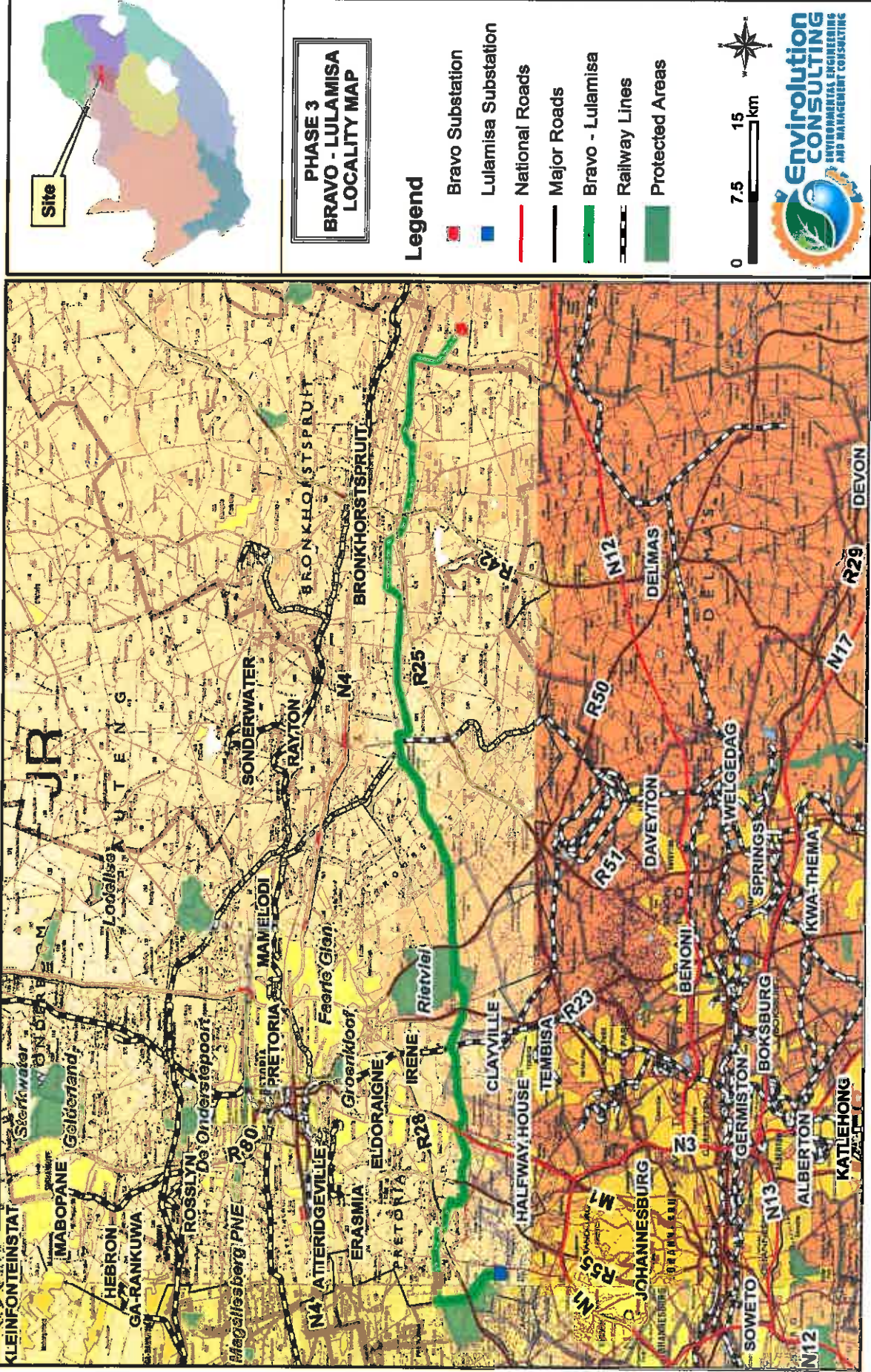


Figure 6.1: Locality Map indicating the Bravo 3 Line Route

**APPENDIX 7  
PROJECT SCHEDULE**

<b>ID</b>	<b>TASK NAME</b>	<b>START</b>	<b>FINISH</b>
1	Undertake Public Notification	16-04-28	16-05-27
2	Specialist Studies	16-04-29	16-05-31
3	Compile Draft BAR	16-04-29	16-05-31
4	Client Review	16-06-06	16-06-11
5	Compile and Submit Application	16-07-25	16-08-01
6	Prepare Report for Public Review	16-07-25	16-08-01
7	Public Review	16-08-01	16-08-31
8	Dry Runs for Public Meeting	16-06-18	16-06-22
9	Public and Focus Group Meetings	16-08-15	16-08-20
10	Finalise Report and Submit	16-08-31	16-09-07
11	Compile and Submit WULA	16-08-01	16-09-07

APPENDIX 8  
DECLARATION OF THE APPLICANT

I, Stumoleng Moeng declare that I -

- am, or represent<sup>1</sup>, the applicant in this application;
- have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner<sup>2</sup>;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Regulations, including but not limited to –
  - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
  - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
  - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
  - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
  - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of the Regulations and will take reasonable steps to verify that the EAP
  - know the Act and the regulations, and how they apply to the proposed development
  - know any applicable guidelines
  - perform the work objectively, even if the findings do not favour the applicant
  - disclose all information which is important to the application and the proposed development
  - have expertise in conducting environmental impact assessments
  - complies with the Regulations
- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

<sup>1</sup> If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

<sup>2</sup> If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.



Signature<sup>3</sup> of the applicant<sup>4</sup>/ Signature on behalf of the applicant:

EKOM HOLDINGS OOC

Name of company (if applicable):

29/06/16

Date:

<sup>3</sup> Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted.

<sup>4</sup> If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority. An EAP may not sign on behalf of an applicant.



**APPENDIX 9  
DECLARATION OF THE EAP**

I, Karthigesan Govender declare that –

**General declaration:**

- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the Regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 48 of the Regulations and is punishable in terms of section 24F of the Act.

**Disclosure of Vested Interest (delete whichever is not applicable)**

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;



Signature of the environmental assessment practitioner:

Envirovolution Consulting (Pty) Ltd

Name of company:

29/06/16

Date:

