

DRAFT BASIC ASSESSMENT REPORT FOR PROPOSED WHEATLANDS URBAN SOLAR FARM

ON THE REMAINING EXTENT OF THE FARM WHEATLANDS 260 IQ, RAND WEST
DISTRICT MUNICIPALITY, GAUTENG



REFERENCE: 002/17-18/E0062

JUNE 2016

Bokamoso Landscape Architects and Environmental Consultants CC

Tel: (012) 346 3810

Fax: 086 570 5659

E-mail: lizelleg@bokamoso.net

Website: www.bokamoso.net

PO BOX 11375

MAROELANA

0161



APPLICATION FORM



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

For official use only

Application Number:

NEAS Reference number:

Date Received:

Kindly note that:

1. This application form is current as of 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.
2. This form must be used for an application(s) for Environmental Authorisation in terms of Chapter 4 of the Environmental Impact Assessment Regulations, 2014.
3. If, in addition to this application, you must also apply for a Waste Management Licence in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) ("the Waste Act") and/or an Atmospheric Emission Licence in terms of the National Environmental: Air Quality Act, 2004 (Act No. 39 of 2004) ("NEM:AQA"), then separate application forms in terms of the applicable legislation must be completed and submitted simultaneously to the relevant licensing authorities, but a single EIA process must be undertaken. Copies of such applications must be attached to this Application Form. However, if the intention of the applicant is to undertake an Integrated Process (Integrated Authorisation), the applicant or the EAP is advised to seek guidance from the competent authority prior to commencing with the EIA process.
4. 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.
5. 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 refusal of the application.
6. Three copies of this form must be submitted at the offices of the relevant competent authority as detailed below prior or simultaneously with the submission of the Basic Assessment Report or the Scoping and Environmental Impact Report.
7. No faxed or e-mailed applications shall be accepted. Only hand delivered, couriered or posted applications will be accepted
8. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.

1. DEPARTMENTAL DETAILS

Postal Address

Gauteng Department of Agriculture and Rural Development
Attention: Deputy Director: Strategic Administrative Unit of the Sustainable Utilization of the Environment (SUE) Branch
P. O. Box 8769
Johannesburg
2000

Physical Address

Administrative Unit of the Sustainable Utilisation of the Environment (SUE) Branch
Ground floor, Diamond Building, 11 Diagonal Street
Johannesburg

Queries should be directed to the Strategic Administrative Unit at:
Administrative Unit telephone number (011) 240 3051/3052
Administrative Unit fax number (011) 240 3055
Departmental central telephone number (011) 240 2500

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

Application for Environmental Authorisation in terms of NEMA

Proof of payment must accompany this application. The application will not be processed without proof of payment unless one of the exclusions provided for in the fee Regulations is applicable AND such information in the exclusion section of this application form has been confirmed by this Department.

2. FEES

Gauteng Department of Agriculture and Rural Development' details for the payment of application fees

Payment Enquiries:

Contact person: Boniswa Belot
Tel: (011) 240 3377/3051
Email: Boniswa.Belot@gauteng.gov.za

Department Banking details:

Bank Name: FNB Bank
Account Name: GPG Agriculture and Rural Development PMG
Account Number: 62298144058
Branch Name and Number: Global Transactional Services Johannesburg - 255005

Reference number: EIA - Date (Y – M – D) of payment e.g. EIA20140401 (please quote this reference number when making payment)

Application form to be submitted with proof of payment attached- **Annexure 1**

Tax exemption status:

Status: Tax Exempted



EXCLUSIONS

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.

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, exclusion applies. Proof and a motivation for exclusions must be attached to this application form as **Annexure 2**.

Proof attached

Exclusion applies

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

Application	Fee
Applications 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
Applications dealt with in terms of section 24L of the Act (where an environmental authorisation is required in terms of NEMA and a waste management license is required in terms of NEMWA and the same competent authority is dealing with both these applications)	100% of the most expensive application, namely, R10 000 (Ten Thousand Rand) if S&EIR is triggered and R2 000 (Two Thousand Rand) if the basic assessment is triggered; (b) 50% of the other application, namely, R5 000-00 (Five Thousand Rand) if the S&EIR is triggered or R1 000 (One Thousand Rand) if the basic assessment is triggered.




authority is dealing with both these applications)	(b) 50% of the other application, namely, R5 000-00 (Five Thousand Rand) if the S&EIR is triggered or R1 000 (One Thousand Rand) if the basic assessment is triggered.
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3. APPLICANT INFORMATION

Project applicant:	Solar Reserve SA (Pty) Ltd		
Trading name (if any):	Solar Reserve SA (Pty) Ltd		
Contact person:	Mr Jason Gerber		
Physical address:	159 Rivonia Road, Sinosteel Plaza, 11 th Floor, Office 11C, Sandton		
Postal address:	Postnet Suite 55 Private Bag X9 Benmore		
Postal code:	2010	Cell:	079 515 0225
Telephone:	+27 11 582 6894	Fax:	

Please duplicate the above section in instances where there is more than one applicant.

Local municipality	RAND WEST CITY LOCAL MUNICIPALITY		
Contact person:	Isabel Olivier		
Postal address:	PO BOX 218, RANDFONTEIN		
Postal code:	1760	Cell:	082 305 9841
Telephone:	011 411 0228	Fax:	
E-mail:	isabel.olivier@randfontein.org.za		

Please duplicate the above section in instances where there is more than one Municipality.

Land owner	Ariobex Proprietary Limited		
Contact person:	Slaven Gajovic		
Postal address:	PO Box 1200, Glenvista		
Postal code:	2058	Cell:	+27 (0)82 411 8075
Telephone:	+27 (0)11 56 80956	Fax:	
E-mail:	slaven@maximumgroup.co.za		

Please duplicate the above section in instances where there is more than one landowner. **Consent use form in Addendum 1 must be filled if the applicant is not landowner or person in control of the land where the development will / is taking place. Further, the above section must be duplicated in instances where there is more than one landowner.**

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

Company of Environmental Assessment Practitioner (EAP):	Bokamoso Landscape Architects & Environmental Consultants
Name of the EAP:	Lizelle Gregory
EAP Qualifications	Landscape Architect



Professional affiliation or registration:	The South African Council of the Landscape Architects Profession (SACLAP); Institute for Landscape Architects in South Africa (ILASA); and Institute for Environmental Management and Assessment (IEMAS), Member of the Institute of Impact Assessment Practitioners (IAIA)		
Physical address:	36 Lebombo Road, Lebombo Garden Building, Ashlea Gardens, 0081		
Postal address:	P O Box 11375, Maroelana		
Postal code:	0161	Cell:	082 451 7120
Telephone:	012 346 3810	Fax:	086 570 5659
E-mail:	Lizelle@bokamoso.net		

5. PROJECT TITLE (SCOPE OF THE ACTIVITY)

The establishment of the **Wheatlands Urban Solar Farm** on the Remaining Extent of farm Wheatlands 260 IQ

6. PROPERTY DESCRIPTION

Application process followed (BA OR Scoping & EIA)	Basic Assessment Process		
Description of the property/properties where activity is proposed to be undertaken:	Remaining Extent of farm Wheatlands 260 IQ		
Farm/ Erf name(s) & number(s) (including portion/ holding) of all proposed sites:	Remaining Extent		
Property size(s)(ha) of all proposed sites	20ha		
Property size(s) (m ²) of all proposed sites:			
Development footprint size(s) in ha/m ² :	16ha		
SG Digit code(s) of all proposed sites:	T0IQ0000000026000000		
Coordinates of all proposed sites: Latitude (S)	26°	11'	48.51"
Longitude (E)	27°	37'	03.76"

Note: Coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 co-ordinate system. Where numerous properties/sites are involved (e.g. linear activities), please attach a list of property descriptions separately.

Physical/Street address of proposed sites:

Road 6, Wheatlands Agricultural Holdings, Rand West City Local Municipality

Current Zoning of site(s)

Agricultural




7. ACTIVITY(S) APPLIED FOR

An application may be made for more than one listed or specified activity that, together, make up one development proposal. All the listed activities that make up this application must be listed below.

Indicate the number of the relevant Government Notice:	Activity No (s) (relevant notice): e.g. Listing notices 1, 2 or 3	Describe each listed activity as per the wording in the listing notices:
e.g. GN. R 327, 7 April 2017	LN1 Activity 1	<p>The development of facilities or infrastructure for the generation of electricity from a renewable resource where-</p> <p>(i) the electricity output is more than 10 megawatts but less than 20 megawatts; or (ii) the output is 10 megawatts or less but the total extent of the facility covers an area in excess of 1 hectare;</p> <p>excluding where such development of facilities or infrastructure is for photovoltaic installations and occurs:</p> <p>(a) within an urban area; or (b) on existing infrastructure.</p>
e.g. GN. R 327, 7 April 2017	LN1 Activity 11	<p>The development of facilities or infrastructure for the transmission and distribution of electricity-</p> <p>(i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts; or (ii) inside urban areas or industrial complexes with a capacity of 275 kilovolts or more;</p> <p>Excluding the development of bypass infrastructure for the transmission and distribution of electricity where such bypass infrastructure is –</p> <p>(a) temporarily required . . . ; (b) . . . ; (c) . . . ; (d)</p>
e.g. GN. R 327, 7 April 2017	LN1 Activity 14	<p>The development and related operation of facilities and infrastructure, for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of 80 cubic meters or more but not exceeding 500 cubic meters.</p>
e.g. GN. R 327, 7 April 2017	LN1 Activity 27	<p>The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for-</p> <p>(i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan.</p>
e.g. GN. R 327, 7 April 2017	LN1 Activity 56	<p>The widening of a road by more than 6 metres, or the lengthening of a road by more than 1 kilometre-</p> <p>(i) where the existing reserve is wider than 13,5 metres; or (ii) where no reserve exists, where the existing road is wider than 8 metres;</p> <p>excluding where widening or lengthening occur inside urban areas.</p>
e.g. GN. R 324, 7 April 2017	LN3 Activity 4	<p>The development of a road wider than 4 metres with a reserve less than 13,5 metres.</p> <p>(c) In Gauteng:</p> <p>i. A protected area identified in terms of NEMPAA, excluding conservancies; ii. National Protected Area Expansion Strategy Focus Areas; iii. Gauteng Protected Area Expansion Priority Areas; iv. Sites identified as Critical Biodiversity Areas (CBAs) and Ecological Support Areas (ESAs) in the Gauteng Conservation Plan or in bioregional</p>

Indicate the number of the relevant Government Notice:	Activity No (s) (relevant notice): e.g. Listing notices 1, 2 or 3	Describe each listed activity as per the wording in the listing notices:
		<p>plans;</p> <p>v. Sites identified within threatened ecosystems listed in terms of the National Environmental Management Act: Biodiversity Act (Act No. 10 of 2004);</p> <p>vi. Sensitive areas identified in an environmental management framework adopted by relevant environmental authority;</p> <p>vii. Sites identified as high potential agricultural land in terms of Gauteng Agricultural Potential Atlas;</p> <p>viii. Important Bird and Biodiversity Area (IBA);</p> <p>ix. Sites or areas identified in terms of an International Convention;</p> <p>x. Sites managed as protected areas by provincial authorities, or declared as nature reserves in terms of the Nature Conservation Ordinance (Ordinance 12 of 1983) or the National Environmental Management: Protected Areas Act (Act No. 57 of 2003);</p> <p>xi. Sites designated as nature reserves within municipal SDFs; or</p> <p>xii. Sites zoned for a conservation or public open space or equivalent zoning.</p>
e.g. GN. R 324, 7 April 2017	LN3 Activity 12	<p>The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan.</p> <p>c) Gauteng</p> <p>i. Within any critically endangered or endangered ecosystem listed in terms of section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004;</p> <p>ii. Within Critical Biodiversity Areas or Ecological Support Areas identified in the Gauteng Conservation Plan or bioregional plans; or</p> <p>iii. On land, where, at the time of the coming into effect of this Notice or thereafter such land was zoned open space, conservation or had an equivalent zoning.</p>
e.g. GN. R 324, 7 April 2017	LN3 Activity 18	<p>The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 kilometre.</p> <p>(c) In Gauteng:</p> <p>i. A protected area identified in terms of NEMPAA, excluding conservancies;</p> <p>ii. National Protected Area Expansion Strategy Focus Areas;</p> <p>iii. Gauteng Protected Area Expansion Priority Areas;</p> <p>iv. Sites identified as Critical Biodiversity Areas (CBAs) or Ecological Support Areas (ESAs) in the Gauteng Conservation Plan or in bioregional plans;</p> <p>v. Sites identified within threatened ecosystems listed in terms of the National Environmental Management Act: Biodiversity Act (Act No. 10 of 2004);</p> <p>vi. Sensitive areas identified in an environmental management framework adopted by relevant environmental authority;</p> <p>vii. Sites identified as high potential agricultural land in terms of Gauteng Agricultural Potential Atlas;</p> <p>viii. Sites or areas identified in terms of an International Convention;</p> <p>ix. Important Bird and Biodiversity Area (IBA);</p> <p>x. Sites managed as protected areas by provincial authorities, or declared as nature reserves in terms of the Nature Conservation Ordinance (Ordinance 12 of 1983) or the National Environmental Management: Protected Areas Act (Act No. 57 of 2003);</p> <p>xi. Sites designated as nature reserves within municipal SDFs; or</p> <p>xii. Sites zoned for a conservation or public open space or equivalent zoning.</p>

Please note that any authorisation that may result from this application will only cover activities applied for.

8. ORIENTATION MAPS

Locality map:	<p>A locality map must be attached to the application form as Annexure 3, as an Appendix. The scale of the locality map must be at least 1:50 000. For linear activities of more than 25 kilometres, a smaller scale e.g. 1:250 000 can be used. The scale must be indicated on the map. The map must include the following:</p> <ul style="list-style-type: none">• an accurate indication of the project site position as well as the positions of the alternative sites, if any;• road names or numbers of all the major roads as well as the roads that provide access to the site(s)• a north arrow;• a legend;• the prevailing wind direction; and• GPS co-ordinates (Indicate the position of the proposed activity with the latitude and longitude at the centre point for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should be to at least three decimal places. The projection that must be used in all cases is the WGS-84 spheroid in a national or local projection)
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Should any activities in GN R. 985 be applied for, please provide a map indicating the triggering area (e.g. Critical Biodiversity Area, Protected Area, etc) overlaid by the study area as **Annexure 4**.

es



9. PUBLIC PARTICIPATION PROCESS

If public participation process and other aspects of EIA process had already been undertaken prior to submission of this application form to the competent authority, a summary of public participation processes and steps followed to date must be described in the table below.

A Newspaper Notice of the intended project was placed in the Randfontein Herald on 10 March 2017, inviting I&APs to register within 30 days.
A Public Notice was mailed to Stakeholders on 7 March 2017 informing them of intended project.
A Public Notice was hand delivered to surrounding land owners on 7 March 2017 informing them of intended project and inviting I&APs to register within 30 days.
Site Notices were also erected at prominent intersection near the proposed development site on 7 March 2017.

10. PROJECT SCHEDULE

A project schedule, indicating the different phases and timelines of the project (commencement and completion where possible), must be attached as **Annexure 5**.

11. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
SEMA's				
National Environmental Management: Air Quality Act		X		
National Environmental Management: Biodiversity Act		X		
National Environmental Management: Integrated Coastal Management Act		X		
National Environmental Management: Protected Areas Act		X		
National Environmental Management: Waste Act		X		
National legislation				
Mineral and Petroleum Development Resources Act		X		
National Water Act			X	
National Heritage Resources Act		X		
Others: Please specify	X			
	Renewable Energy			

Please provide proof of any authorisations obtained in terms of the above as **Annexure 6**.

CS

[Handwritten signature]

12. LIST OF ANNEXURES

		YES	N/A
Annexure 1	Proof of payment of a fee for this application	X	
Annexure 2	Proof and a motivation for exclusions from paying a fee		X
Annexure 3	Locality map	X	
Annexure 4	Geographical area map triggering in GN R 985	X	
Annexure 5	Project schedule	X	
Annexure 6	Proof by way of copies of Environmental Authorisations obtained for the same property or submission of such applications	X	
Addendum 1	Consent use of land from landowner	X	
Addendum 2	Declaration by the applicant	X	
Addendum 3	Declaration by the environmental assessment practitioner	X	



ADDENDUM 1

13. CONSENT USE

Consent in terms of Regulation 39 of the 2014 NEMA EIA Regulations by the landowner or person in control of the land that the proposed activity/ies may be undertaken on the land in question

When to use this form

Note: This form must be completed when an application for amendment in terms of the 2014 NEMA EIA Regulations is submitted where the proposed amendment will impact on the activity undertaken/to be undertaken on the land or if the amendment relates to the transfer of rights and obligations.

Notes for completing and submitting this form

- (1) This form is current as of December 2014. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been released by the Department.
- (2) This form must be attached to the application form for amendment.
- (3) Unless protected by law, all information contained in the form will become public information.

CONTACT INFORMATION

Name of land owner/ person in control of the land	ARIOBEX (PTY) LTD REPRESENTED BY SLAVEN GAJOVICH		
Trading name (if any):			
Contact person:	SLAVEN GAJOVICH		
Physical address:	774 WATERVAL ROAD, LITTLE FALLS, ROODEPOORT		
Postal address:	P.O. BOX 1200, GLENUVISTA 2058		
Postal code:	2058	Cell:	082 411 8075
Telephone:	011 568 0956	Fax:	
E-mail:	slaven@maximumgroup.co.za		

CONSENT

1. I/we the undersigned (insert the name/s of the owner/s of the land)
SLAVEN GAJOVICH REPRESENTING ARIOBEX (PTY) LTD

of identity number/registration number (insert the owner/s ID number/s or the registration number of the legal entity)
2011 / 101804 / 07

am/ are the registered owner/s of the property (insert description of the property/ies and title deed numbers)
ZONING : AGRICULTURAL
TITLE DEED : T26 802 / 1970

located at (insert physical address or a brief description of the location of the property)
ROAD 6, WHEATLANDS AGRICULTURAL HOLDINGS
RAND WEST LOCAL MUNICIPALITY

2. I/ we hereby give consent to the applicant /person to whom the rights are to be transferred (insert the name/s of the applicant/person/s)

JASON GERBER

of identity number/registration number (insert the owner/s ID number/s or the registration number of the legal entity)

2010 / 012531 / 07

to undertake the following activity(ies) on the property (insert a brief description of the project and identified activity(ies) in question and amendment that will be applied for):

DEVELOPMENT OF URBAN SOLAR FARM
GENERATION OF ELECTRICITY TO LOCAL MUNICIPALITY

Signature of land owner/person in control of the land or authorised representative



Name of authorised person if the landowner is a legal entity

SLAVEN GAJOVICIC ON BEHALF OF
OF ARIOBEX PTY(LTD)

Date

14/03/2017



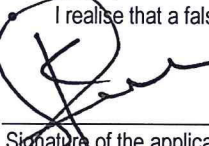
ADDENDUM 2

15. DECLARATIONS

DECLARATION OF THE APPLICANT

I Jason Gerber, declare under oath that I

- am, or represent, the applicant in this application;
- have appointed / will appoint (delete that which is not applicable) an Environmental Assessment Practitioner (EAP) to act as the independent EAP for this application
- will provide the EAP 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 EAP or any person contracted by the EAP;
 - 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 such 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 EAP is competent to undertake the EIA process with respect to this application and that the EAP-
 - know the Act and the regulations, and how they apply to the proposed development
 - know any applicable guidelines and policies
 - performs 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
- will inform all registered I&APs 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 EAP 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 the EIA Regulations, 2014 and the NEMA.



Signature of the applicant/ Signature on behalf of the applicant:

Solar Reserve SA (Pty) Ltd

Name of company (if applicable):

13 MARCH 2017

Date:

Signature of the Commissioner of Oaths:

Date:

Designation:

Commissioner of Oaths Official stamp (below)


ROSS GREGORY BOTES CA(SA)
COMMISSIONER OF OATHS (RSA)
OFFICE 11C, SINOSTEEL PLAZA
159 RIVONIA ROAD, SANDTON, 2196
GAUTENG, SOUTH AFRICA
DATE: 2017/03/13




ADDENDUM 3

DECLARATION OF THE EAP

I Lizelle Gregory, declare that -

- 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, policies and guidelines;
- 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 at large and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties, state department and competent authority 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
- all the particulars furnished by me in this form are true and correct;
- I will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and


Signature of the Environmental Assessment Practitioner:


Name of company:


Date:


Signature of the Commissioner of Oaths:


Date:

Designation:

Commissioner of Oaths Official stamp (below)

DERIK DE BEER
COMMISSIONER OF OATHS
36 LEBOMBO ROAD
ASHLEA GARDENS
PRETORIA 0081
PROFESSIONAL ACCOUNTANT OF SOUTH AFRICA

In the event where the EAP or specialist is not independent (Regulation 13(2) and (3) of the EIA Regulations, 2014), the proponent or applicant must, prior to conducting public participation, appoint another EAP or specialist which meets all the general requirements including being independent, to externally review all work undertaken by the EAP or specialist, at the applicant's cost appointed to manage the application.

ANNEXURE 1

Proof of license fee paid



Customer Care: 0860 123 000
Website: www.standardbank.co.za
23 February 2017

Payment receipt

Beneficiary name
GPG AGRICULTURE AND

Account number
62298144058

Bank
FIRST NATIONAL BANK

Branch
RMB CORPORATE BANKING (25500500)

Beneficiary reference
BAR-2017-02-23 Wheatlands

Your reference
GPG AGRICUL

Payment date
23 February 2017

Amount
R 2 000.00

The Standard Bank of South Africa Limited (Reg. No. 1962/000738/06. Authorised financial services provider. VAT Reg No. 4100105461 Registered credit provider (NCRCP15). We subscribe to the Code of Banking Practice of the Banking Association South Africa and, for unresolved disputes, support resolution through the Ombudsman for Banking Services.

ANNEXURE 2

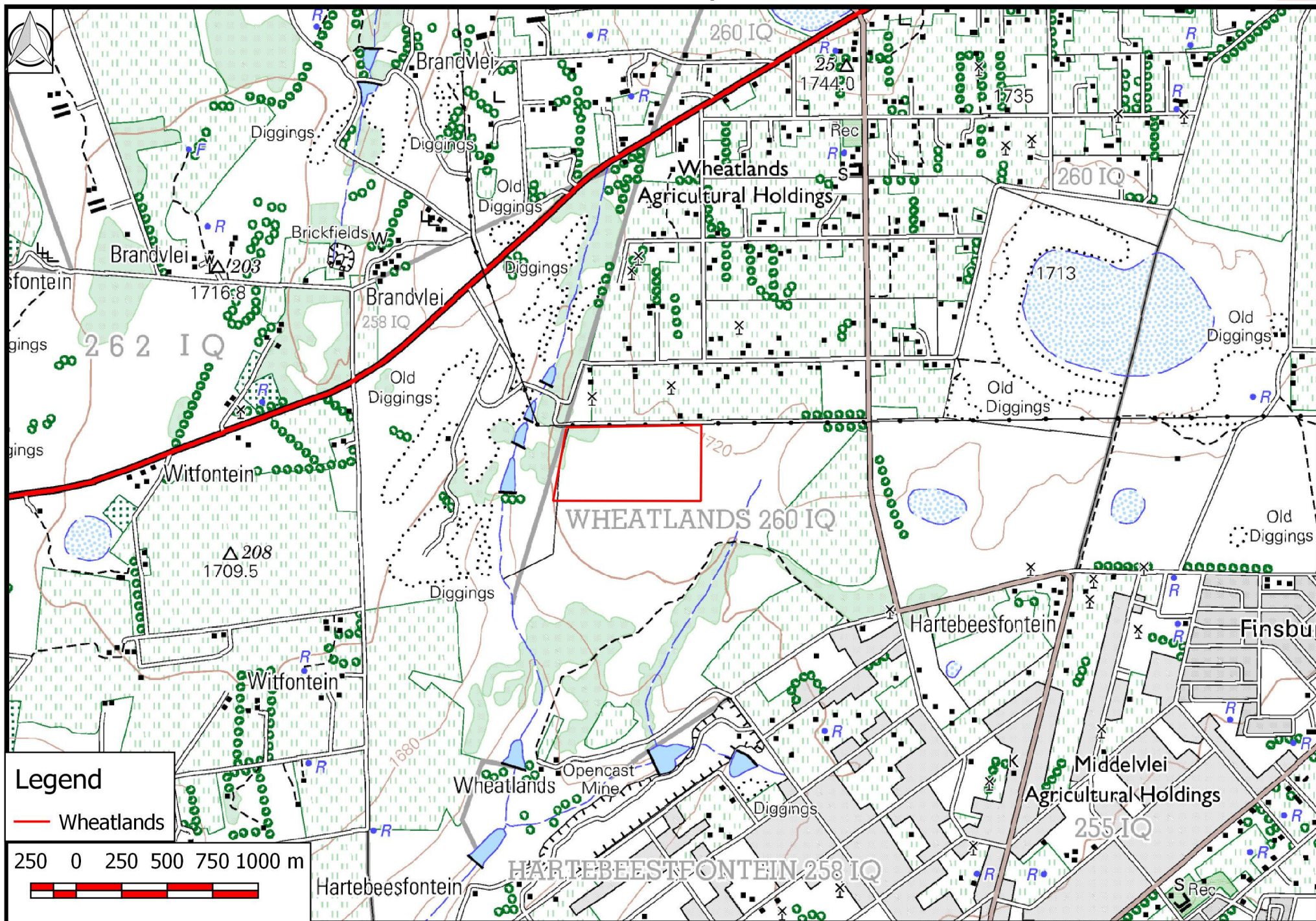
**Proof of motivation from exclusion of
paying license fee**

Not applicable

ANNEXURE 3

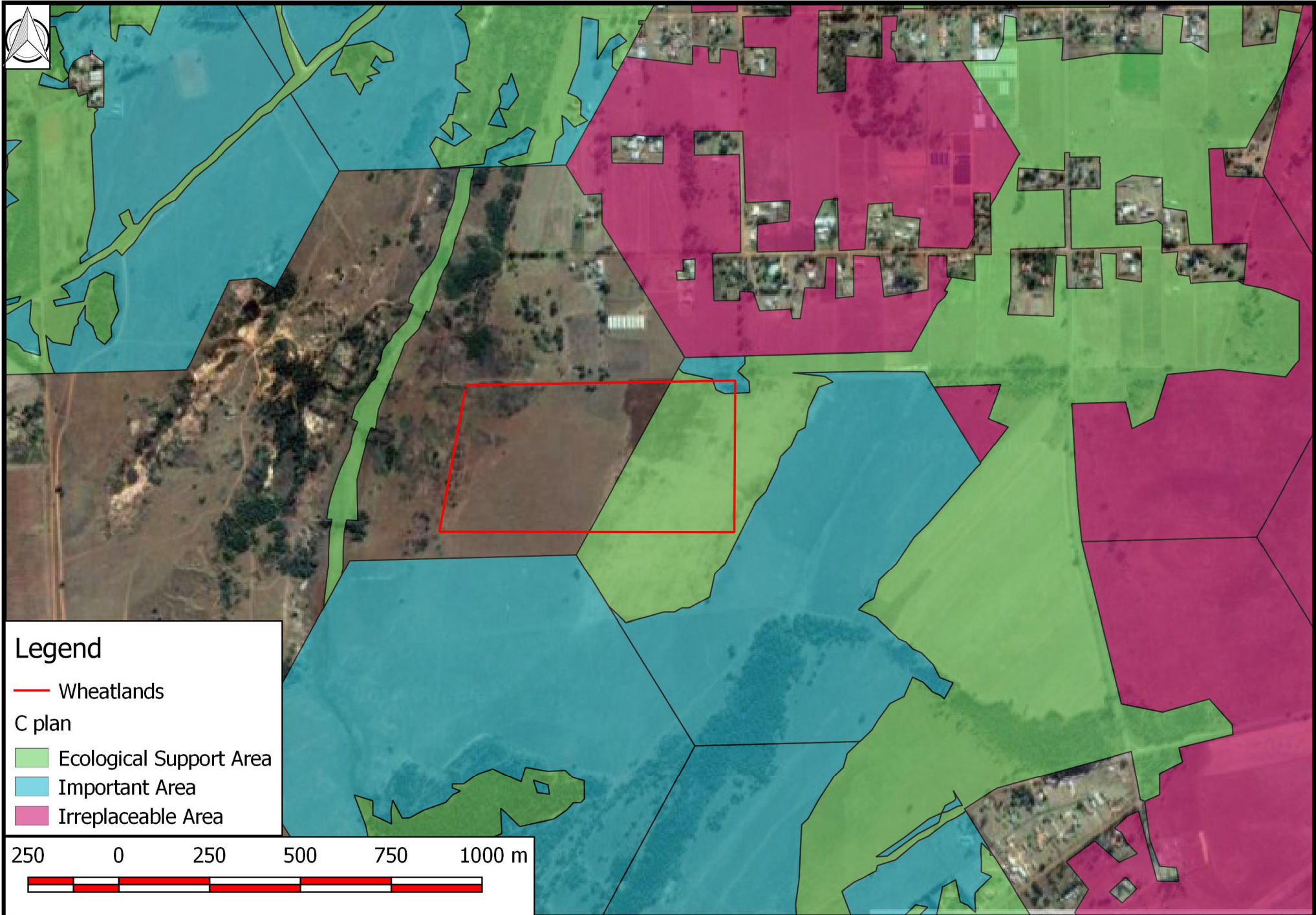
Locality map

Locality



ANNEXURE 4

Map denoting GN R 985 areas



Legend

— Wheatlands

C plan

Ecological Support Area

Important Area

Irreplaceable Area

250 0 250 500 750 1000 m



ANNEXURE 5

Project schedule

ANNEXURE 6

Environmental Authorisations obtained



GAUTENG PROVINCE

AGRICULTURE AND RURAL DEVELOPMENT
REPUBLIC OF SOUTH AFRICA

OFFICE OF THE HEAD OF DEPARTMENT (HOD)
Diamond Building, 11 Diagonal Street, Newtown
PO Box 8769, Johannesburg, 2000
Tel: 011 240 2500
Fax: 011 240 2700

Reference: **Gaut 002/15-16/E0261**
Enquiries: Aristotelis Kapsosideris
Telephone: 011 240 3398
Email: Aristotelis.Kapsosideris@gauteng.gov.za

FACSIMILE: 086 614 4297
BY EMAIL: slaven@maximumgroup.co.za
BY REGISTERED MAIL

Key Lettings (Pty) Ltd
P. O. Box 1200
GLENVISTA
2058

Telephone No.: 011 568 0956

Dear Mr. Slaven Gajovic

ENVIRONMENTAL AUTHORISATION GRANTED-EIAR: PROPOSED NEW DEVELOPMENT SITUATED ON PART OF THE REMAINING EXTENT OF THE FARM WHEATLANDS 260 IQ, RANDFONTEIN LOCAL MUNICIPALITY

With reference to the above-mentioned application, please be advised that the Department has decided to grant authorisation. The Environmental Authorisation and reasons for the decision are attached herewith as Annexure 1.

In terms of Regulation 4 (2) of the Environmental Impact Assessment Regulations, 2014, you are instructed to notify all registered interested and affected parties, in writing and within **fourteen (14) days** of the date of this letter, of the Department's decision in respect of your application as well as the provisions regarding the making of appeals that are provided for in the Regulations.

Your attention is drawn to Chapter 2 of the National Appeal Regulations, 2014 which regulates the appeal process. Should you wish to appeal any aspect of the decision, you must within **twenty (20) days** of the date of notification of the decision, submit your appeal including supporting documents to the appeal administrator by any of the following means:

Postal Address:

The Appeals Administrator
Department of Agriculture and Rural Development
PO Box 8769
JOHANNESBURG
2000

GDARD
Office of the HOD
10 JAN 2017
000006

Physical Address:

The Appeals Administrator
Department of Agriculture and Rural Development
11 Diagonal Street
Diamond Building, 04th Floor
Newtown
JOHANNESBURG
2000

Fax No: 011 240 3158/2700

Email Address: appeals@gauteng.gov.za

Your appeal must be submitted in the prescribed appeal form obtainable from the appeal administrator, Ms Tsholofelo Mere at telephone number 011 240 3204 or email address Tsholofelo.mere@gauteng.gov.za. The appeal form is also available from our website: www.gdard.gpg.gov.za. Should you have queries or require additional information regarding the appeal process, you can contact the appeal administrator on any of the mentioned contact details.

Yours faithfully



MR. LOYISO MKWANA
ACTING HEAD OF DEPARTMENT
DATE: 09/01/2017

GDARD
Office of the HOD
10 JAN 2017
000006



GAUTENG PROVINCE

AGRICULTURE AND RURAL DEVELOPMENT
REPUBLIC OF SOUTH AFRICA

Environmental Authorisation

Reference Number:	Gaut 002/15-16/E0261
Holder of authorisation:	Key Lettings (Pty) Ltd
Location of activity:	Remaining Extent of the farm Wheatlands 260 IQ, Randfontein Local Municipality

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1. Decision

The Department is satisfied, on the basis of information available and subject to compliance with the conditions of this Environmental Authorisation, that the applicant should be authorised to undertake the activity specified below:

2. Activities authorised

By virtue of the powers conferred by the National Environmental Management Act, 1998 (Act No. 107 of 1998) (as amended) and the Environmental Impact Assessment Regulations, 2014, the Department hereby authorises- **Key Lettings (Pty) Ltd** with the following contact details –

P. O. Box 1200
Glenvista
2058

Telephone No.: 011 568 0956

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to construct various land uses including but not limited to business, retail, educational and residential units listed as Activity 9 in GN R. 983, Activity 15 in GN R. 984 and Activity 4 and 14 , in GN R. 985 of the Environmental Impact Assessment Regulations, 2014 promulgated in terms of Sections 24 (2)(a) of the National Environmental Management Act (NEMA), 1998 (Act No. 107 of 1998, as amended), as described in the application form / Environmental Impact Assessment Report (EIAR: On-site Notice). The site is located on the remaining extent of the farm Wheatlands 260 IQ, which falls within the jurisdiction of Randfontein Local Municipality at the location stated below:

Proposal	Latitude(S)	Longitude(E)
	26° 11' 57.02"	27° 38' 13.39"
SG 21 Digit Code of the property	T0IQ0000000026000000	

The granting of this Environmental Authorisation is subject to the conditions set out below.

3. Specific Conditions of Authorisation

- 3.1 Environmental Authorisation is granted for the proposed "Phase 1" development for various land uses including but not limited to business, retail, educational and residential units on the remaining extent of the farm Wheatlands 260 IQ, Randfontein local Municipality
- 3.2 The layout plan drawing number "T1568/1 – must be amended to clearly indicate the edge of the wetland/pan and no development within 30m from the edge of the wetlands/pan". The revised layout plan must be submitted to this department within sixty days of receipt of this Environmental Authorisation.
- 3.3 A **fourteen (14) days** written notice must be given to the Department that the activity will commence. Commencement for the purposes of this condition includes site preparation. The notice must include a date on which it is anticipated that the activity will commence.
- 3.4 The construction area must be clearly demarcated before any construction activity takes place and signage must be displayed during the construction phase to inform the general public about potential dangerous conditions on site.
- 3.5 The specialist report indicated that the pan (wetland) on site is in a good condition and has conservation importance. It must thus be cordoned off and utilised as an open space system.

The measures proposed in the EIAR to protect it during construction activities must be strictly enforced.

- 3.6 The edge of the watercourse (Pan) must be clearly demarcated in the field with pegs or poles that will last for the duration of the construction phase, colour-coded as follows:
RED – Indicating the edge of the riparian zone
ORANGE – Indicating the edge of the buffer zone (30m)
- 3.7 Notwithstanding the above, any proposed activities occurring within the wetland boundary including rehabilitation and revegetation can only occur with consent from the Department of Water and Sanitation.
- 3.8 Storm water outlets are not allowed to lead directly into the wetland, unless a WULA (water use license application) is undertaken and permission granted with conditions for this purpose. Coupled to this Sustainable Urban Drainage Systems (SUDS) must be incorporated into the design of the development.
- 3.9 Rainwater harvesting must be incorporated into the development with owners and residents being encouraged to apply it in their daily activities.
- 3.10 A wetland / aquatic specialist must be appointed and be available during the construction phase, in order that the wetland and riparian zones of the construction sites are protected and that the necessary flow regime is maintained.
- 3.11 The preparation of building material (e.g. mixing of cement, concrete, sand etc.) must be done on a concrete impermeable surface to avoid seepage into the soil and riverine areas.
- 3.12 If any soil contamination occurs during the construction phases of the proposed activity, the contaminated soil must be removed to a licensed landfill site and the site must be rehabilitated to the satisfaction of this Department.
- 3.13 The bulk services approval (e.g. water supply, sewage and disposal waste, electricity and storm water) and other related services must be obtained from the relevant competent authority.
- 3.14 Should any heritage resources of any nature be uncovered during the construction development, SAHRA and/ or professional Heritage Specialists must be contacted immediately for investigations.
- 3.15 Waste minimisation principles must be applied during the construction and operational phases of the development. Waste should ideally be avoided but where it does exist, it must be removed from the site and disposed of at a registered or licensed landfill site for the type of waste produced. All waste streams to be generated must be managed in accordance with the hierarchy of waste management principles. Proof of disposal of waste must be kept on site and made available to the Department upon request.
- 3.16 Green building techniques must be applied to the construction process to make use of natural light and heat and thus reduce energy use and emissions to the atmosphere.
- 3.17 Indigenous plants removed for the development, must be utilised in the post development landscaping which includes the park areas as stipulated in the layout plan. Residents must be incentivised to plant species which are indigenous to the area.

4. Management of the activity

- 4.1 The Environmental Management Programme (“EMPr”) submitted as part of the application for Environmental Authorisation is approved and must be implemented. It must be amended to include conditions given in this Environmental Authorisation.

5. Monitoring and Reporting

- 5.1 The commitment and recommendations in all submitted documentation, including the Environmental Management Programme (EMPr) are an extension of this Environmental

Authorisation and are binding to all contractors and operators on site and must be implemented.

- 5.2 An environmental control officer (ECO) must be appointed by the Environmental Authorisation holder to ensure that the conditions as stipulated in the Environmental Authorisation as well as the EMPr are adhered to. The contact details of the ECO must be forwarded to the Department, prior the commencement of the activity.

6. Decommissioning of the activity

Should the site for any reason be closed, a detailed decommissioning plan must be submitted to this Department for approval at least **thirty (30) days** prior to the decommissioning of the facility. The decommissioning plan must include discussions on the management of all possible environmental impacts envisaged during the closure of the activity.

7. Operation activity

- 7.1 These activities must commence within a period of **ten (10) years** from the date of issue of this Environmental Authorisation.
- 7.2 If commencement of the activities does not occur within that period, the Environmental Authorisation **lapses** and a new application for Environmental Authorisation must be made in order for the activity to be undertaken.

8. General conditions

- 8.1 A copy of this Environmental Authorisation must be kept at the property where the activity will be undertaken. The Environmental Authorisation must be produced to any authorised official of the Department who requests to see it and must be made available for inspection by any employee or agent of the holder of the Environmental Authorisation who works or undertakes work at the property.
- 8.2 Where any of the applicant's contact details change, including the name of the responsible person, the physical or postal address and/or telephonic details, the applicant must apply to apply to the Department as soon as the new details become known to the applicant.
- 8.3 The holder of the Environmental Authorisation must notify the Department, in writing and within **twenty four (24) hours**, if conditions of this Environmental Authorisation cannot be or is not adhered to. Any notification in terms of this condition must be accompanied by reasons for the non-compliance.
- 8.4 Non-compliance with a condition of this Environmental Authorisation may result in criminal prosecution or other actions provided for in the National Environmental Management Act, 1998 and the regulations.
- 8.5 Authorisation of the activities is subject to the conditions contained in this Environmental Authorisation, which conditions form part of the Environmental Authorisation and are binding on the holder of the Environmental Authorisation.
- 8.6 The holder of the Environmental Authorisation shall be responsible for ensuring compliance with the conditions by any person acting on his or her behalf, including but not limited to, an agent, sub-contractor, employee or person rendering a service to the holder of the Environmental Authorisation.
- 8.7 The activities which are authorised can only be carried out at the property indicated above.

- 8.8 Any changes to, or deviations from, the activities description set out in this Environmental Authorisation must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the Environmental Authorisation to apply for further authorisation in terms of the regulations.
- 8.9 This Environmental Authorisation does not negate the holder to comply with any other statutory requirements that may be applicable to the undertaking of the activities.
- 8.10 If the Department has reason to believe that the Environmental Authorisation was obtained through fraud, non-disclosure of material information or misrepresentation of a material fact, the Department may, in writing, suspend or partially suspend, with immediate effect, the Environmental Authorisation and direct the holder of such Environmental Authorisation forthwith to cease any activities that have been commenced or to refrain from commencing any activities, pending a decision to withdraw the Environmental Authorisation.

9 Appeal of authorisation

- 9.1 The holder of the Environmental Authorisation must notify every registered interested and affected party, in writing and within **fourteen (14) days**, of receiving notice of the Department's decision to authorise the activities.
- 9.2 The notification referred to in 9.1 must:
- 9.2.1 Specify the date on which the Environmental Authorisation was issued;
 - 9.2.2 Inform the registered interested and affected party of the appeal procedure provided for in Chapter 2 of the National Appeals Regulations, 2014; and
 - 9.2.3 Advise the interested and affected party that a copy of the Environmental Authorisation and reasons for the decision will be furnished on

Date of Environmental Authorisation: 09/01/2017

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10 JAN 2017 000006

Annexure 1: Reasons for Decision

1. Background

The applicant **Key Lettings (Pty) Ltd** applied for authorisation to undertake the following activity listed as Activity 9 in GN R. 983, Activity 15 in GN R. 984 and Activities 4 and 14, in GN R. 985 for the proposed various land uses that will include business, retail, educational and residential land uses according to layout plan "T 1568/1 - Amended", as described in the application form / Environmental Impact Assessment Report (EIAR: On-site Notice). The site is located on the remaining extent of the farm Wheatlands 260 IQ, which falls within the jurisdiction of Randfontein Local Municipality and measures approximately 112, 8701 hectares in extent.

The applicant appointed W & L Consultants to undertake an environmental impact assessment process. No exemptions were granted during the process.

2. Information considered in making the decision

In reaching its decision, the Department took, *inter alia*, the following into consideration -

- a) The information contained in the application form received by the Department on 18 March 2016 and the Environmental Impact Assessment Report received by the Department on the 21 October 2016, including:
 - Geotechnical Site Investigation;
 - Assessment of the Fauna and Flora;
 - Wetland delineation plan; and,
 - Environmental Management Programme
- b) The comments received from interested and affected parties as included in the Environmental Impact Assessment Report submitted to the Department on the 21 October 2016.
- c) Relevant information contained in the Departmental information base including the Geographical Information System (GIS) and Conservation Plan Version 3.3.
- d) The objectives and requirements of relevant legislation, policies and guidelines, including Section 2 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (as amended)
- e) The findings of the site inspection undertaken by Edith Ngoma, an official of this Department on 09 November 2016.

3. Key factors considered in making the decision

All information presented to the Department was taken into account in the Department's consideration of the application. A summary of the issues which, in the Department's view, were of the most significance is set out below.

- a) The Environmental sensitivities of the site.
- b) Suitability of the proposed activities within the existing development.
- c) Public participation process was conducted according to the Departmental requirements.

4. Findings

After consideration of the information and factors listed above, the Department made the following findings –

- a) The site is designated as Critical Biodiversity Area and Ecological Support Area characterised by primary vegetation, habitat for orange listed plant, non-perennial river and a pan area according to Departmental GIS; however the observation and findings made during the site inspection indicate the site has been largely transformed due to human activity.
- b) The proposed activity is not foreseen to result in any additional adverse environmental impacts provided the conditions are adhered to and the site managed accordingly.
- c) The public participation information including, but not limited to, site notices, written notices and newspaper advertisement was satisfactorily undertaken. A newspaper advert appeared in the Citizen on 29 October 2015 and 22 July 2016.

In view of the above, the Department is satisfied that, subject to compliance with the conditions contained in the Environmental Authorisation, the activity will not conflict with the general objectives of integrated environmental management laid down in Chapter 5 of the National Environmental Management Act, 1998 and that any potentially detrimental environmental impacts resulting from the proposed activity can be mitigated to acceptable levels. The Environmental Authorisation is **accordingly granted.**

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10 JAN 2017
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DRAFT BASIC ASSESSMENT REPORT FOR PROPOSED WHEATLANDS URBAN SOLAR FARM

ON THE REMAINING EXTENT OF THE FARM WHEATLANDS 260 IQ, RAND WEST
DISTRICT MUNICIPALITY, GAUTENG



REFERENCE: 002/17-18/E0062

JUNE 2016

Bokamoso Landscape Architects and Environmental Consultants CC

Tel: (012) 346 3810

Fax: 086 570 5659

E-mail: lizelleg@bokamoso.net

Website: www.bokamoso.net

PO BOX 11375

MAROELANA

0161



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Basic Assessment Report in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended, and the Environmental Impact Assessment Regulations, 2014 (Version 1)

Kindly note that:

1. This **Basic Assessment Report** is the standard report required by GDARD in terms of the EIA Regulations, 2014.
2. This application form is current as of 8 December 2014. It is the responsibility of the EAP to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
3. **A draft Basic Assessment Report must be submitted, for purposes of comments within a period of thirty (30) days, to all State Departments administering a law relating to a matter likely to be affected by the activity to be undertaken.**
4. **A draft Basic Assessment Report (1 hard copy and two CD's) must be submitted, for purposes of comments within a period of thirty (30) days, to a Competent Authority empowered in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended to consider and decide on the application.**
5. Five (5) copies (3 hard copies and 2 CDs-PDF) of the final report and attachments must be handed in at offices of the relevant competent authority, as detailed below.
6. The report must be typed within the spaces provided in the form. The size of the spaces provided is not necessarily indicative of the amount of information to be provided. The report is in the form of a table that can extend itself as each space is filled with typing.
7. Selected boxes must be indicated by a cross and, when the form is completed electronically, must also be highlighted.
8. An incomplete report may lead to an application for environmental authorisation being refused.
9. **Any report that does not contain a titled and dated full colour large scale layout plan of the proposed activities including a coherent legend, overlain with the sensitivities found on site may lead to an application for environmental authorisation being refused.**
10. The use of "not applicable" in the report must be done with circumspection because if it is used in respect of material information that is required by the competent authority for assessing the application, it may result in the application for environmental authorisation being refused.
11. No faxed or e-mailed reports will be accepted. Only hand delivered or posted applications will be accepted.
12. Unless protected by law, and clearly indicated as such, all information filled in on this application will become public information on receipt by the competent authority. The applicant/EAP must provide any interested and affected party with the information contained in this application on request, during any stage of the application process.
13. Although pre-application meeting with the Competent Authority is optional, applicants are advised to have these meetings prior to submission of application to seek guidance from the Competent Authority.

DEPARTMENTAL DETAILS

Gauteng Department of Agriculture and Rural Development
Attention: Administrative Unit of the of the Environmental Affairs Branch
P.O. Box 8769
Johannesburg
2000

Administrative Unit of the of the Environmental Affairs Branch
Ground floor Diamond Building
11 Diagonal Street, Johannesburg

Administrative Unit telephone number: (011) 240 3377
Department central telephone number: (011) 240 2500

(For official use only)

NEAS Reference Number:						
File Reference Number:						
Application Number:						
Date Received:						

If this BAR has not been submitted within 90 days of receipt of the application by the competent authority and permission was not requested to submit within 140 days, please indicate the reasons for not submitting within time frame.

Not applicable

Is a closure plan applicable for this application and has it been included in this report?

NO

if not, state reasons for not including the closure plan.

Not applicable

Has a draft report for this application been submitted to a competent authority and all State Departments administering a law relating to a matter likely to be affected as a result of this activity?

YES

Is a list of the State Departments referred to above attached to this report including their full contact details and contact person?

YES

If no, state reasons for not attaching the list.

Have State Departments including the competent authority commented?

Yes

If no, why?

Not applicable

SECTION A: ACTIVITY INFORMATION

1. PROPOSAL OR DEVELOPMENT DESCRIPTION

Project title (must be the same name as per application form):

PROPOSED WHEATLANDS URBAN SOLAR FARM AND ASSOCIATED ELECTRICAL INFRASTRUCTURE

Solar Reserve SA (Pty) Ltd is proposing to develop, construct and operate a 15MW Urban Solar Photovoltaic (PV) Power Plant and associated infrastructure on less than 20 ha of land, situated on the Remainder of the Farm Wheatlands 260 IQ, Randfontein Local Municipality, Rand West District Municipality, Gauteng Province.

Affordable “green” power will be supplied to consumers in the area by means of Power Purchase Agreements (PPA's) and a wheeling arrangement with the local municipality. The proposed PV Power Plant produces energy by converting solar radiation into electricity. Power is generated by the solar cells (PV elements) during exposure to sunlight.

The proposed development of the Wheatlands Urban Solar Farm shall consist of PV Panels that encase the solar cells. Solar cells are solid-state semiconductor devices that convert sunlight into direct-current electricity. The panels will be mounted on metal frames with a height of approximately 600-1000mm above the ground, supported by rammed, concrete or screw pile foundations, and they will face north in order to capture the optimum amount of sunlight. The facility will either be a fixed PV plant where the solar panels are stationary; or a tracking PV plant where the solar panels rotate to track the sun's movement. PV panels are typically up to 2m² in size and will be situated in long rows, usually made up of approximately 100 m sections extending across the site.

The study area is approximately 8.4km from Randfontein situated to the east, and is bordered by the Wheatlands Agricultural Holdings to the North, with the Middelvlei Agricultural Holdings occurring to the south. Road 6 occurs towards the east of the study area, which connects with the R41 (Lazar Road) to the north, and the R559 (Main Road) to the south.

The proposed development site was historically used for crop cultivation and Eskom Servitude and powerline transects the northern boundary of the site from east to west. The PWV1 servitude runs along the western boundary of the site.

A non-perennial stream flows (from north to south) approximately 250m to the west of the proposed development site.

The Applicant will rent the land from the landowner for purpose of erecting and operating the proposed solar farm. The property is currently zoned “Agricultural”

and a Consent Use Town Planning Application will be lodged to the involved local authority for the Urban Solar Farm.

In the application submitted to GDARD it was indicated that the developer was applying for the following 2014 NEMA listed activities as amended on 7 April 2017
Notice 1 and 3 (983 and R985):

Indicate the number of the relevant Government Notice:	Activity No (s) (relevant notice): e.g. Listing notices 1, 2 or 3	Describe each listed activity as per the wording in the listing notices:
GN. R 983, 8 December 2017	LN1 Activity 1	The development of facilities or infrastructure for the generation of electricity from a renewable resource where- (i) the electricity output is more than 10 megawatts but less than 20 megawatts; or (ii) the output is 10 megawatts or less but the total extent of the facility covers an area in excess of 1 hectare; excluding where such development of facilities or infrastructure is for photovoltaic installations and occurs: (a) within an urban area; or (b) on existing infrastructure.
Reason for inclusion: The proposed Urban Solar Farm shall generate 15MW electricity but occurs outside an urban area and therefore Listed Activity 1 of LN1 is triggered by the proposed development.		
GN. R 983, 8 December 2017	LN1 Activity 11	The development of facilities or infrastructure for the transmission and distribution of electricity- (i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts; or (ii) inside urban areas or industrial complexes with a capacity of 275 kilovolts or more; Excluding the development of bypass infrastructure for the transmission and distribution of electricity where such bypass infrastructure is – (a) temporarily required . . . ; (b) . . . ; (c) . . . ; (d)
Reason for inclusion: The proposed Urban Solar Farm requires installation of electrical transmission and distribution infrastructure with a capacity exceeding 33kV and thus Activity 11 of LN is triggered by the proposed development.		
GN. R 983, 8 December 2017	LN1 Activity 14	The development and related operation of facilities and infrastructure, for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of 80 cubic meters or more but not exceeding 500 cubic meters.
Reason for inclusion: The proposed Urban Solar Farm shall have a battery bank containing more than 80m ³ of vanadium sulphide / chloride electrolyte which is a hazardous substance, but less than 500m ³ , thus Listed Activity 14 of LN1 is triggered by the proposed Urban Solar Farm.		
GN. R 983, 8 December 2017	LN1 Activity 27	The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation , except where such clearance of indigenous vegetation is required for- (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan.
Reason for inclusion: The proposed Urban Solar Farm will require the clearance of less than 20ha of indigenous vegetation and thus triggers Activity 27 of LN 1.		

Indicate the number of the relevant Government Notice:	Activity No (s) (relevant notice): e.g. Listing notices 1, 2 or 3	Describe each listed activity as per the wording in the listing notices:
GN. R 983, 8 December 2017	LN1 Activity 56	The widening of a road by more than 6 metres, or the lengthening of a road by more than 1 kilometre- (i) where the existing reserve is wider than 13,5 metres; or (ii) where no reserve exists, where the existing road is wider than 8 metres; excluding where widening or lengthening occur inside urban areas.
Reason for inclusion: The proposed Urban Solar Farm shall require upgrade of roads and lengthening of roads outside an urban area, thus Activity 56 of LN1 is triggered.		
GN. R 985, 8 December 2017	LN3 Activity 4	The development of a road wider than 4 metres with a reserve less than 13,5 metres. (c) In Gauteng: i. A protected area identified in terms of NEMPAA, excluding conservancies; ii. National Protected Area Expansion Strategy Focus Areas; iii. Gauteng Protected Area Expansion Priority Areas; iv. Sites identified as Critical Biodiversity Areas (CBAs) and Ecological Support Areas (ESAs) in the Gauteng Conservation Plan or in bioregional plans; v. Sites identified within threatened ecosystems listed in terms of the National Environmental Management Act: Biodiversity Act (Act No. 10 of 2004); vi. Sensitive areas identified in an environmental management framework adopted by relevant environmental authority; vii. Sites identified as high potential agricultural land in terms of Gauteng Agricultural Potential Atlas; viii. Important Bird and Biodiversity Area (IBA); ix. Sites or areas identified in terms of an International Convention; x. Sites managed as protected areas by provincial authorities, or declared as nature reserves in terms of the Nature Conservation Ordinance (Ordinance 12 of 1983) or the National Environmental Management: Protected Areas Act (Act No. 57 of 2003); xi. Sites designated as nature reserves within municipal SDFs; or xii. Sites zoned for a conservation or public open space or equivalent zoning.
Reason for inclusion: The proposed Urban Solar Farm occurs in an area denoted as CBA and as having High Agricultural potential, thus Activity 4 of LN1 is triggered.		
GN. R 985, 8 December 2017	LN3 Activity 12	The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan. c) Gauteng i. Within any critically endangered or endangered ecosystem listed in terms of section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004; ii. Within Critical Biodiversity Areas or Ecological Support Areas identified in the Gauteng Conservation Plan or bioregional plans; or iii. On land, where, at the time of the coming into effect of this Notice or thereafter such land was zoned open space, conservation or had an equivalent zoning.
Reason for inclusion: The proposed Urban Solar Farm shall require clearance of more than 300m2 of indigenous vegetation denoted as CBA or ESA in terms of Gauteng C-Plan, thus triggering Activity 12 of LN3.		

Indicate the number of the relevant Government Notice:	Activity No (s) (relevant notice): e.g. Listing notices 1, 2 or 3	Describe each listed activity as per the wording in the listing notices:
GN. R 985, 8 December 2017	LN3 Activity 18	<p>The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 kilometre.</p> <p>(c) In Gauteng:</p> <ul style="list-style-type: none"> i. A protected area identified in terms of NEMPAA, excluding conservancies; ii. National Protected Area Expansion Strategy Focus Areas; iii. Gauteng Protected Area Expansion Priority Areas; iv. Sites identified as Critical Biodiversity Areas (CBAs) or Ecological Support Areas (ESAs) in the Gauteng Conservation Plan or in bioregional plans; v. Sites identified within threatened ecosystems listed in terms of the National Environmental Management Act: Biodiversity Act (Act No. 10 of 2004); vi. Sensitive areas identified in an environmental management framework adopted by relevant environmental authority; vii. Sites identified as high potential agricultural land in terms of Gauteng Agricultural Potential Atlas; viii. Sites or areas identified in terms of an International Convention; ix. Important Bird and Biodiversity Area (IBA); x. Sites managed as protected areas by provincial authorities, or declared as nature reserves in terms of the Nature Conservation Ordinance (Ordinance 12 of 1983) or the National Environmental Management: Protected Areas Act (Act No. 57 of 2003); xi. Sites designated as nature reserves within municipal SDFs; or xii. Sites zoned for a conservation or public open space or equivalent zoning.
<p>Reason for inclusion: The proposed Urban Solar Farm shall require upgrade of roads and lengthening of roads in an area denoted as CBA or ESA in terms of Gauteng C-Plan, thus triggering Activity 18 of LN3.</p>		

Select the appropriate box

The application is for an upgrade of an existing development The application is for a new development Other, specify

Does the activity also require any authorisation other than NEMA EIA authorisation?

YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
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If yes, describe the legislation and the Competent Authority administering such legislation

In terms of the **National Water Act**, 1998 (Act No 36 of 1998) - The proposed development triggers a Section 21 (c) and (i) GA, due to the Risk Assessment conducted as part of the Wetland Assessment, having concluded that the risk posed by the proposed Urban Solar Farm to the wetland, is low.

In terms of **THE SPATIAL PLANNING AND LAND USE MANAGEMENT ACT, 2013**, a consent use application is required for the proposed Solar Farm.

If yes, have you applied for the authorisation(s)?

YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/> Applications are in process
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If yes, have you received approval(s)? (attach in appropriate appendix)

YES	NO X
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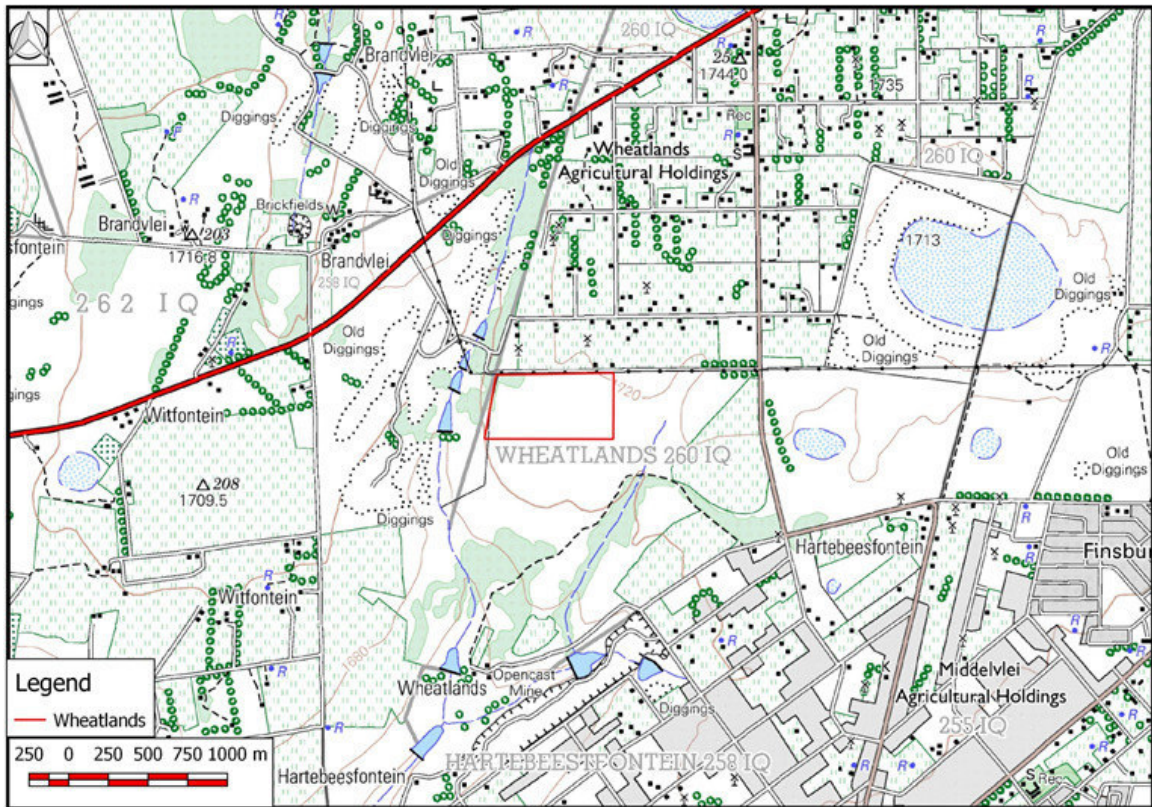


Figure 1: Locality map

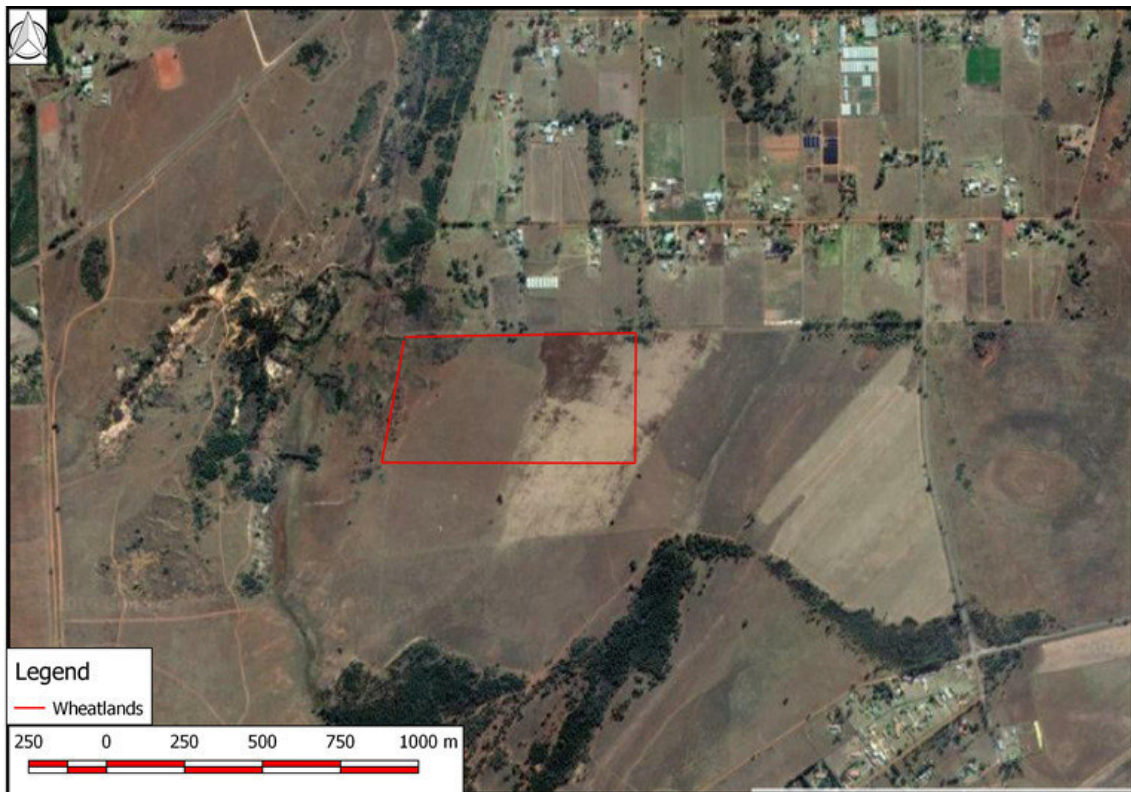


Figure 2: Aerial map

2. APPLICABLE LEGISLATION, POLICIES AND/OR GUIDELINES

List all legislation, policies and/or guidelines of any sphere of government that are applicable to the application as contemplated in the EIA regulations:

Title of legislation, policy or guideline:

Administering authority:

Promulgation Date:

National Environmental Management Act, 1998 (Act No. 107 of 1998 as amended).	National & Provincial	27 November 1998
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The NEMA is primarily an enabling Act in that it provides for the development of environmental implementation plans and environmental management plans. The principles listed in the act serve as a general framework within which environmental management and implementation plans must be formulated.

The Minister of Environmental Affairs and Tourism passed (in April 2006) Environmental Impact Assessment Regulations¹ (the Regulations) in terms of Chapter 5 of the National Environmental Management Act, 1998² (NEMA). The new Regulations came into effect on 3 July 2006.

The Minister of Environmental Affairs passed (in June 2010) the Amended Environmental Impact Assessment Regulations in terms of Chapter 5 of the National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA). The Regulations were amended once again in 2014. The Amended Regulations came into effect on 8 December 2014, and therefore all new applications must be made in terms of the Amended NEMA regulations and not in terms of the 2010 NEMA Regulations. The 2014 NEMA EIA Regulations were amended on 7 April 2017. The purpose of this process is to determine the possible negative and positive impacts of the proposed development on the surrounding environment and to provide measures for the mitigation of negative impacts and to maximize positive impacts.

Notice **No. R 983, R 984 and R 985** of the 2014 NEMA EIA Regulations as amended during 2017, list the activities that indicate the process to be followed. The activities listed in Notice No. R 983 requires that a Basic Assessment process be followed and the Activities listed in terms of Notice No. R 984 requires that the Scoping and EIA process be followed. Notice No. 985 has been introduced to make provision for Activities in certain geographical and sensitive areas.

National Water Act (Act No. 36 of 1998)	National & Provincial	20 August 1998
<p>The purpose of this Act is to ensure that the Nation's water resources are protected, used, developed, conserved, managed and controlled in ways that take into account, amongst other factors, the following:</p> <ul style="list-style-type: none"> □ Meeting the basic human needs of present and future generations; □ Promoting equitable access to water; □ Promoting the efficient, sustainable and beneficial use of water in the public interest; □ Reducing and preventing pollution and degradation of water resources; □ Facilitating social and economic development; and □ Providing for the growing demand for water use. <p>In terms of the section 21 of the National Water Act, the developer must obtain water use licences if the following activities are taking place:</p> <ul style="list-style-type: none"> a) Taking water from a water resource; b) Storing water; c) Impeding or diverting the flow of water in a water course; d) Engaging in a stream flow reduction activity contemplated in section 36; e) Engaging in a controlled activity identified as such in section 37(1) or declared under section 38(1); f) Discharging waste or water containing waste into a water resource through a pipeline, canal, sewer, sea outfall or other conduit; g) Disposing of waste in a manner which may detrimentally impact on a water resource; h) Disposing in any manner which contains waste from or which has been heated in any industrial or power generation process; i) Altering the bed, banks, course or disposing of water found underground if it is necessary for the safety of people; j) Removing, discharging, or disposing of water found underground if it is necessary for the efficient continuation of an activity or for the safety of people; and k) Using water for recreational purposes. <p>The National Water Act also requires that (where applicable) the 1:50 and 1:100 year flood line be indicated on all the development drawings (even the drawings for the external services) that are submitted for approval.</p>		

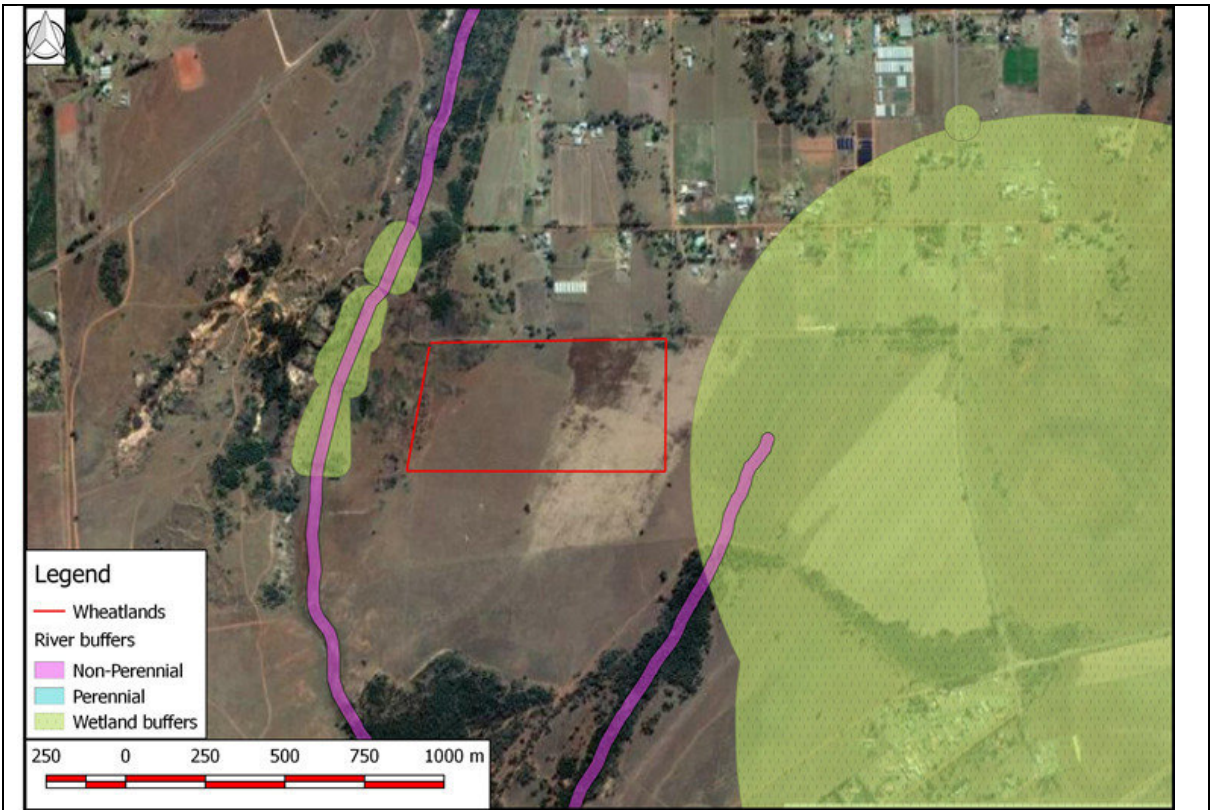


Figure 3: Hydrology

Conservation of Agricultural Resources Act (Act No. 43 of 1983)	National	1 June 1983
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This act provides for control over the utilization of natural agricultural resources of South Africa in order to promote the conservation of soil, water sources and the vegetation as well as the combating of weeds and invader plants; and for matters connecting therewith.

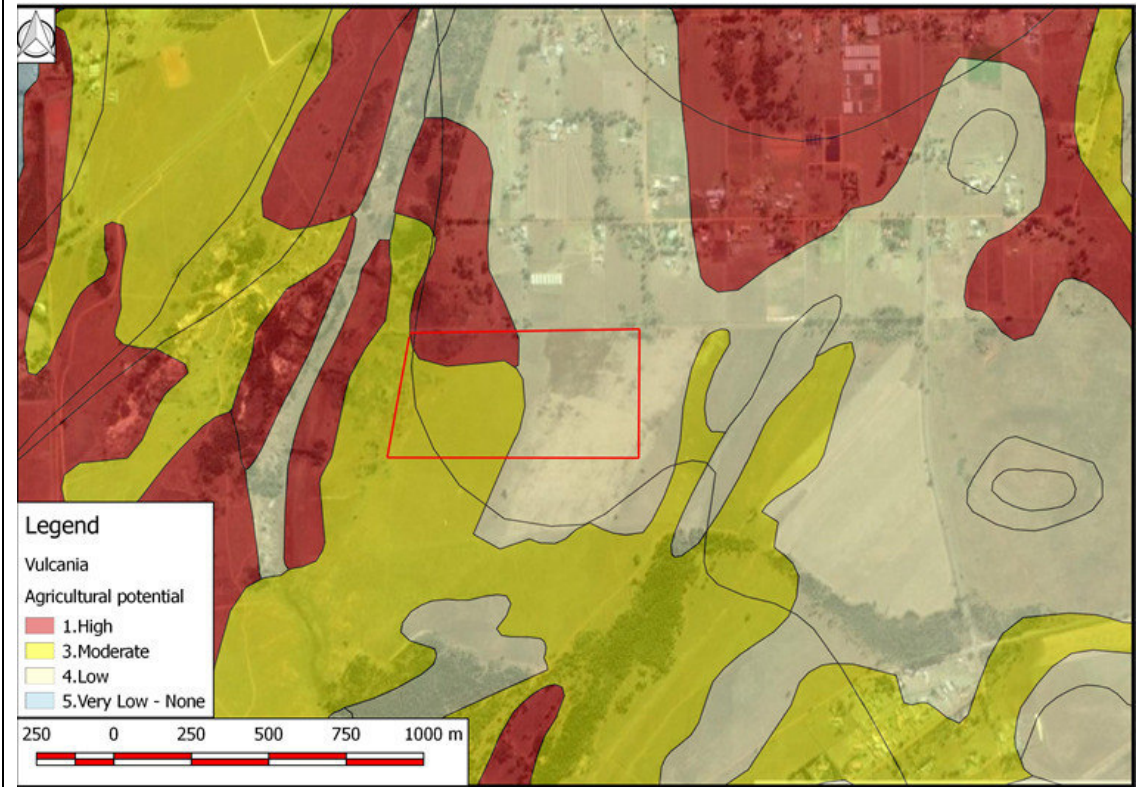


Figure 4: Agricultural potential