

13 January 2020

Department of Environmental Affairs
Cnr Steve Biko and Soutpansberg Road
Pretoria
0001

Attention: Zesipho Makhosayafana

**BASIC ASSESSMENT AND
PUBLIC PARTICIPATION PROCESS**

McTAGGARTS PV3, NORTHERN CAPE PROVINCE

SUBMISSION OF FINAL BASIC ASSESSMENT REPORT & UPDATED APPLICATION FORM
DEA Ref.: 14/12/16/3/3/1/2113

Dear Thulisile,

The Final Basic Assessment (BA) Report and an updated Application Form for the McTaggart PV3 solar PV facility located 24km south-west of Upington in the Northern Cape Province. A BA Report was compiled and made available for a 30-day review and comment period, from **13 November – 13 December 2019**. All comments received during the 30-day review period have been recorded, included and addressed in the Final BA Report attached for the department's decision-making on the application for an Environmental Authorisation.

Please note that changes made to the updated application form, the Final BA Report (including the Environmental Management Programme (EMPr)), have been underlined for ease of reference. In addition, please find enclosed the following for the submission of McTaggart PV3:

- * One (1) hard copy and one (1) soft copy (CD) of the Final BA Report; and
- * Two (2) hard copies and one (1) soft copy (CD) of the updated Application Form.

Kindly acknowledge receipt of this letter. Please do not hesitate to contact me should you have any further queries regarding the matter.

Kind regards



REUBEN MAROGA
SAVANNAH ENVIRONMENTAL
(reuben@savannahsa.com)



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

File Reference Number:
NEAS Reference Number:
Date Received:

(For official use only)

DEA/EIA/

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

PROJECT TITLE

McTaggarts PV3

Indicate if the **DRAFT** report accompanies the application

Yes
No

PRE-APPLICATION CONSULTATION

Was a pre-application meeting held		NO
Date of the pre-application meeting		
Reference number of pre-application meeting held		
Was minutes compiled and submitted to the Department for approval		NO

A copy of the pre-application meeting minutes must be appended to this application as **APPENDIX 1**.

Kindly note the following:

1. This form must always be used for applications that must be subjected to Basic Assessment or Scoping & Environmental Impact Reporting where this Department is the Competent Authority.
2. This application form is current as of **04 October 2019**. It is the responsibility of the Applicant / Environmental Assessment Practitioner (EAP) to ascertain whether subsequent versions of the form have been published or produced by the Competent Authority. The latest available Departmental templates are available at <https://www.environment.gov.za/documents/forms>.
3. The onus is on the Applicant/EAP to determine all applicable listed activities that would require Environmental Authorisation prior to the commencement of the construction activities. Should any revision of your development comprise any other activities that constitute a listed activity/ies as defined in Listing Notice 1, 2, or 3 of the EIA regulations, 2014 as amended, it must also form part of the Application for Environmental Authorisation.
4. An application fee is applicable (refer to **Section 2**). 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.
5. A cover letter on your company letterhead indicating the nature of this application must be appended to this form i.e. new application for Environmental Authorisation, updated application for Environmental Authorisation.
6. An electronic copy (in the form of a USB) of the signed application form must be submitted together with two hardcopies (one of which must contain the **original signatures** of both the Applicant and EAP).
7. This form must be marked "**for Attention: Chief Director: Integrated Environmental Authorisations**" and submitted to the Department at the postal or physical addresses contained in this form.

8. All documentation delivered to the physical address contained in this form must be delivered during the official Departmental Officer Hours which are visible on the Departmental gate.
9. All EIA related documents (includes application forms, reports or any EIA related submissions) that are faxed; emailed; delivered to Security or placed in the Departmental Tender Box will not be accepted, only hardcopy submissions are accepted.
10. The required information 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. A legible font type and size must be used when completing the form. The font size should not be smaller than 10pt (e.g. Arial 10).
11. Where applicable black out the boxes that are not applicable in the form.
12. The use of the phrase "not applicable" in the form must be done with circumspection. Where it is used in respect of material information that is required by the Competent Authority for assessing the application, this may result in the rejection of the application as provided for in the Regulations.
13. Unless protected by law, all information contained in and attached to this application, will become public information on receipt by the Competent Authority. Upon request during any stage of the application process, the Applicant / EAP must provide any registered interested and affected party with the information contained in and attached to this application.
14. 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.
15. Please note that this form must be copied to the relevant Provincial Environmental Department(s)
16. An application for Environmental Authorisation/Amendment lapses if the applicant fails to meet any of the timeframes prescribed in terms of the EIA Regulations, 2014, as amended.
17. An application for environmental authorisation must be accompanied by a report generated by the web based environmental screening tool (in Appendix 11). This has been stipulated as a requirement for the submission of applications for environmental assessment in the Environmental Impact Assessment Regulations. The Screening Tool allows for the generation of a Screening Report referred to in Regulation 16(1)(v) of the Environmental Impact Assessment Regulations 2014, as amended, whereby a Screening Report is required to accompany any application for Environmental Authorisation.

Departmental Details

Postal address:

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

Physical address:

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

Queries must be directed to the Directorate: Coordination, Strategic Planning and Support at:
Email: EIAAdmin@environment.gov.za

1. COMPETENT AUTHORITY

Identified Competent Authority to consider the application:
Reason(s) in terms of S24C of NEMA:

Department of Environmental Affairs
In terms of GN R779 of 1 July 2016, the Minister of the Department of Environmental Affairs is the Competent Authority for all activities relating to the Integrated Resources Plan (IRP) of 2010 – 2030 (and any updates thereto) that require environmental authorisation.

2. FEES

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 of payment or a motivation for exclusions must be attached as **APPENDIX 2** of this application form.

Proof of payment	X
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' banking details for the payment of application fees:

<p>Payment Enquiries: Email: eiafee@environment.gov.za</p> <p>Banking details: ABSA Bank Branch code: 632005 Account number: 1044 2400 72 Current account</p> <p>Reference number: - -28.495458° 21.046607°</p> <p>Status: Tax exempted</p>
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3. GENERAL INFORMATION

Name of the Applicant:	McTaggarts PV3 (Pty) Ltd		
RSA Identity/ Passport Number:	[REDACTED]		
Name of contact person for applicant (if other):	Federico Zanotta Rizzo		
RSA Identity/ Passport Number:	D080997		
Responsible position, e.g. Director, CEO, etc.:	Director		
Company/ Trading name (if any):	[REDACTED]		
Company Registration Number:	2019/077520/07		
BBBEE status:	[REDACTED]		
Physical address:	3 Kiepersol Close Kendon House Platteklouf Cape Town 7500		
Postal address:	3 Kiepersol Close Kendon House Platteklouf Cape Town		
Postal code:	7500	Cell:	074 793 9994
Telephone:	021 937 0228	Fax:	[REDACTED]
E-mail:	federico.zanotta@abengoa.com		

Name of the landowner:	Khi CSP South Africa (Pty) Ltd		
Name of contact person for landowner (if other):	Javier Payan Mogollo		
Postal address:	3 Kiepersol Close Kendon House Platteklouf Cape Town		
Postal code:	7500	Cell:	[REDACTED]
Telephone:	021 937 0200	Fax:	021 911 0593
E-mail:	javier.payan@abengoa.com		

Name of Person in control of the land:	Khi CSP South Africa (Pty) Ltd		
Name of contact person for person in control of the land:	Javier Payan Mogollo		
Postal address:	3 Kiepersol Close Kendon House Platteklouf Cape Town		
Postal code:	7500	Cell:	[REDACTED]
Telephone:	021 937 0200	Fax:	021 911 0593
E-mail:	javier.payan@abengoa.com		

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as **APPENDIX 3**.

Unless the application is in respect of linear activities or Strategic Infrastructure Projects as contemplated in the Infrastructure Development Act (Act No. 23 of 2014), written consent of landowner/s must be submitted in **APPENDIX 3**.

The originally signed declaration undertaking by the applicant must be submitted as **APPENDIX 9**.

Provincial Environmental Authority:	Department of Environment and Nature Conservation Northern Cape		
Name of contact person:	Bryan Fisher		
Postal address:	Private Bag X6010 Kimberley		
Postal code:	8300	Cell:	083 270 8323
Telephone:	053 807 7431	Fax:	
E-mail:	Bfisher@ncpg.gov.za		

Local Municipality:	Kai !Garib Local Municipality		
Name of contact person in (Environmental Section):	Godfrey Mackay		
Postal address:	Private Bag X6 Kakamas		
Postal code:	8870	Cell:	078 802 8958
Telephone:	054 461 6400	Fax:	054 461 6401
E-mail:	mackayg@kaigarib.gov.za		

In instances where there is more than one Local/Provincial Authority involved, please attach a list of those Local/Provincial Authorities with their contact details as **APPENDIX 4**.

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

Company of Environmental Assessment Practitioner:	Savannah Environmental (Pty) Ltd		
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)	2	Percentage Procurement recognition 125%
EAP name:	Jo-Anne Thomas		
EAP Qualifications:	Master of Science – Botany University of the Witwatersrand		
Professional affiliation/registration:	South African Council for Natural Scientific Professions (SACNASP)		
Physical address:	First floor, Block 2 5 Woodlands Drive Office Park C/o Woodlands Drive & Western Service Road Woodmead Johannesburg 2191		
Postal address:	PO Box 148 Sunninghill		
Postal code:	2157	Cell:	082 775 5628
Telephone:	011 656 3237/3256/3251	Fax:	086 684 0547
E-mail:	joanne@savannahsa.com		

The appointed EAP must meet the requirements of Regulation 13 of the EIA Regulations, 2014 as amended. The declaration of independence of the EAP and undertaking under oath or affirmation that all the information submitted or to be submitted for the purposes of the application is true and correct must be submitted as **APPENDIX 10**.

5. PROJECT DESCRIPTION

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

McTaggarts PV3 (Pty) Ltd is proposing the development of a 75MW solar PV facility and associated infrastructure on a site located 24km south-west of Upington in the Northern Cape Province. The broader study area and development area for the proposed development is located on Portion 3 of the Farm McTaggarts Camp 453 and Portion 12 of the Farm Klip Punt 452. The development will be known as McTaggarts PV3 and will fall within the jurisdiction of the Kai !Garib Local Municipality and the ZF Mgcawu District Municipality. The broader study area and development area border the Dawid Kruiper Local Municipality to the east.

The development area for McTaggarts PV3 is 260ha in extent. The solar PV facility will also include specific infrastructure namely:

- » Fixed tilt or tracking solar PV panels with a maximum height of 3.5m;
- » Centralised inverter stations or string inverters;
- » A temporary laydown area;
- » Cabling between the panels, to be laid underground where practical;
- » A 22kV or 33kV/132kV on-site substation of up to 1ha in extent to facilitate the connection between the solar PV facility and the electricity grid;
- » An access road to the development area with a maximum width of 6m;
- » Internal access roads within the PV panel array area with a maximum width of 5m; and
- » Operation and Maintenance buildings including a gate house and security building, control centre, offices, warehouses, a workshop and visitors centre.

McTaggarts PV3 is planned to be bid into the DoE's Renewable Energy Independent Power Producers Procurement Programme (REIPPPP) with the aim of evacuating the generated power into the Eskom national electricity grid and aiding in the diversification and stabilisation of the country's electricity supply, in line with the objectives of the IRP and the Northern Cape's Provincial Planning and Development policies.

Does the project form part of a Renewable Energy Development Zone (REDZ) as per GN 114?	YES	
Does the project form part of an Electricity Grid Infrastructure (EGI) as per GN 113?		NO
The project is located within the norther corridor of the Strategic Transmission Corridors, however the application for Environmental Authorisation does not include the associated grid connection infrastructure. Therefore, the project does not form part of an EGI.		
Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?		NO
Not yet applicable, a SIP application will be undertaken once the project has attained Preferred Bidder Status in terms of the DoE's requirements.		

If **YES**, is selected:

- For an application in terms of GN 113 and/or 114, then a map confirming this must be attached;
- For a SIP project, kindly indicate which SIPs are applicable in **APPENDIX 5**. You are also required to provide confirmation of SIP applications from the relevant sector representative which must be attached in **APPENDIX 5**. Should no proof be provided, the application will be considered as a normal EIA Application.

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

Table 1: National Sector Classification in terms of Regulation 9 of the EIA Regulations, 2014 as amended

1	Infrastructure /Transport Services/Roads - Public	42	Services/Waste Management Services/Disposal facilities - General
2	Infrastructure /Transport Services/Roads - Private	43	Services/Waste Management Services/Treatment facilities - Hazardous
3	Infrastructure /Transport Services/Rail - Public	44	Services/Waste Management Services/Treatment facilities - General
4	Infrastructure /Transport Services/Rail - Private	45	Services/Waste Management Services/Storage Facilities - General
5	Infrastructure /Transport Services/Airport/Runways/Landing Strip/Helipad - Commercial	46	Services/Waste Management Services/Storage Facilities - Hazardous
6	Infrastructure /Transport Services/Airport/Runways/Landing Strip/Helipad - Private	47	Services/Waste Management Services/Storage Facilities - Nuclear
7	Infrastructure /Transport Services/Airport/Runways/Landing Strip/Helipad - Public Services	48	Services/Burial and cemeteries - Cemeteries
8	Infrastructure /Transport Services - Ports	49	Services/Burial and cemeteries - Cremators
9	Infrastructure /Transport Services - Inland Waterways	50	Services/Water services/Storage - Dams
10	Infrastructure /Transport Services - Marina	51	Services/Water services/Storage - Reservoirs
11	Infrastructure /Transport Services - Canal	52	Services/Water services - Desalination
12	Infrastructure /Localised infrastructure - Infrastructure in the Sea/Estuary/Littoral Active Zone/Development Setback/100M Inland/or coastal public property.	53	Services/Water services - Treatment & Waste Water
13	Infrastructure /Localised infrastructure - Zip Lines & Foefie Slides	54	Services - Hospitality
14	Infrastructure /Localised infrastructure - Cableway or Funiculars	55	Mining - Prospecting rights

15	Infrastructure /Localised infrastructure - Billboards	56	Mining - Mining Permit
16	Infrastructure /Localised infrastructure/Storage/Dangerous Goods/Hydrocarbon - Gas	57	Mining - Mining Right
17	Infrastructure /Localised infrastructure/Storage/Dangerous Goods/Hydrocarbon - Petroleum	58	Mining/Exploration Right - Gas or Oil Marine
18	Infrastructure /Localised infrastructure/Storage/Dangerous good – Chemicals	59	Mining/Exploration Right - Gas or Oil Terrestrial
19	Utilities Infrastructure/Pipelines/water - Fresh/Storm Water	60	Mining/Production Right - Gas or Oil Marine
20	Utilities Infrastructure/Pipelines/water - Waste Water	61	Mining/Production Right - Gas or Oil Terrestrial
21	Utilities Infrastructure/Pipelines/Dangerous Goods - Chemicals	62	Mining/Underground gasification of coal - Oil
22	Utilities Infrastructure/Pipelines/Hydrocarbon – Petroleum	63	Mining/Beneficiation - Hydrocarbon
23	Utilities Infrastructure/Pipelines/Hydrocarbon - Gas	64	Mining/Beneficiation - Mineral
24	Utilities Infrastructure/Telecommunications/ Radio Broadcasting - Tower	65	Agriculture/Forestry/ Fisheries - Crop Production
25	Utilities Infrastructure/Telecommunications/ Radio Broadcasting - Mast	66	Agriculture/Forestry/ Fisheries - Animal Production
26	Utilities Infrastructure/Telecommunications/ Radio Broadcasting - Receivers	67	Agriculture/Forestry/ Fisheries - Afforestation
27	Utilities Infrastructure - Marine Cables	68	Agriculture/Forestry/ Fisheries/Aquaculture/Inland- Alien
28	Utilities Infrastructure/Electricity /Generation/Non Renewable/Hydrocarbon - Petroleum	69	Agriculture/Forestry/ Fisheries/Aquaculture/Inland- Indigenous

29	Utilities Infrastructure/Electricity /Generation/Non Renewable/Hydrocarbon - Coal		70	Agriculture/Forestry/ Fisheries/Aquaculture/Marine - Alien	
30	Utilities Infrastructure/Electricity /Generation/Non Renewable - Nuclear		71	Agriculture/Forestry/ Fisheries/Aquaculture/Marine - Indigenous	
31	Utilities Infrastructure/Electricity /Generation/Renewable - Hydro		72	Agriculture/Forestry/ Fisheries - Agro-Processing	
32	Utilities Infrastructure/Electricity /Generation/Renewable/Solar - PV	X	73	Transformation of land - Indigenous vegetation	X
33	Utilities Infrastructure/Electricity /Generation/Renewable/Solar - CSP		74	Transformation of land - From open space or Conservation	
34	Utilities Infrastructure/Electricity /Generation/Renewable - Wind		75	Transformation of land - From agriculture or afforestation	X
35	Utilities Infrastructure/Electricity /Generation/Renewable - Biomass/ biofuels		76	Transformation of land - From mining or heavy industrial areas	
36	Utilities Infrastructure/Electricity /Generation/Renewable - Wave		77	Any activities within or close to a watercourse	X
37	Utilities Infrastructure/Electricity /Distribution and Transmission - Power line		78	Any activity in an estuary, on the seashore, in the littoral active zone, or in the sea.	
38	Utilities Infrastructure/Electricity /Distribution and Transmission – Substation	X	79	Activity requiring permit or licence in terms of National or Provincial legislation governing the release or generation of emissions - Emissions	
39	Utilities Infrastructure/Gas /Distribution and Transmission – Compressor Station		80	Activity requiring permit or licence - Marine Effluent	
40	Services/Waste Management Services/Disposal facilities - Hazardous		81	Activity requiring permit or licence - Fresh Water Effluent	
82	Release of Genetically Modified Organisms				

Table 1

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.		NO
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6. SITE DESCRIPTION

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

Province/s	Northern Cape
District Municipality/ies	ZF Mgcawu
Local Municipality/ies	Kai !Garib
Ward number/s	11
Nearest town/s	Upington Keimoes
Farm name/s and number/s	McTaggarts Camp 453 Klip Punt 452
Portion number/s	03 12

Surveyor General 21-digit code:

(If there are more than 4, please attach a list with the rest of the codes as **APPENDIX 6**. Where the 21 digit SGID and farm name are not available, the coordinates of the boundary of the property or properties must be provided in **APPENDIX 6**.)

C	0	2	8	0	0	0	0	0	0	0	0	0	4	5	3	0	0	0	0	3
C	0	2	8	0	0	0	0	0	0	0	0	0	4	5	2	0	0	0	1	2
1	2		3			4					5									

Locality map:	<p>A locality map must be attached to the application form, as APPENDIX 7. 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; 2 • 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; • site sensitivities, including but not limited to vegetation, wetlands, watercourses, heritage sites, critical biodiversity area/s, World Heritage Site, etc. and it must be overlaid by the study area; 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)
Project Plan (e.g. Gantt chart)	<p>A project schedule must be submitted as APPENDIX 8, and must include milestones for:</p> <ul style="list-style-type: none"> • public participation (dates for advertisements, workshops and other meetings, obtaining comment from organs of state including state departments); • the commencement of parallel application processes required in terms of other statutes and where relevant, the alignment of these application processes with the EIA process; • the submission of the key documents (e.g. Basic Assessment Report, Scoping Reports, EIA Reports and Environmental Management Programmes). <p>Note: All the above dates must take into account the statutory timeframes for authority responses that are stipulated in the 2014 NEMA EIA Regulations. Possible appeals may impact on project timeframes/milestones. Regulation 45 states that "An application in terms of these Regulations lapses, and a competent authority will deem the application as having lapsed, if the applicant fails to meet any of the time-frames prescribed in terms of these Regulations, unless extension has been granted in terms of</p>

regulation 3(7).” It is recommended that the Department be approached for guidance on the process to be followed, prior to submitting an application.

7. ACTIVITIES APPLIED FOR

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 provided below.

Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 1 of the EIA Regulations, 2014 as amended	Describe the portion of the proposed project to which the applicable listed activity relates.
11(i)	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.	McTaggarts PV3 will require the construction and operation of a new on-site substation of either 22kV/132kV or 33kV/132kV to facilitate the connection of the facility to the national grid. The development area assessed for the siting of McTaggarts PV3 is located outside of an urban area.
12(ii)(a)(c)	The development of – (ii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs – (a) within a watercourse or (b) within 32 metres of a watercourse, measured from the edge of a watercourse.	The development and operation of McTaggarts PV3 will require the establishment of solar PV panels and other associated infrastructure within an ephemeral watercourse and within 32m of ephemeral watercourse identified within the development area. The solar PV panels will have a total extent of 195ha.
14	The development and related operation of facilities or 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.	The development and operation of McTaggarts PV3 will require 80m ³ of storage and handling for dangerous goods, which will include, oils and lubricants which will be required for the operation and maintenance of machinery and other industrial applications during the construction and operation phase of the proposed development.
19	The infilling or depositing of any material of more than 10 cubic meters into, or the dredging, excavation, removal or moving of soil, sand shells, shell grit, pebbles or rock of more than 10 cubic meters from a watercourse.	The solar PV panel area for McTaggarts PV3 is located adjacent to a number of ephemeral watercourses. Therefore, during the construction phase, it is possible that up to 10m ³ or rock may be removed from the watercourses in order to allow for the placement of PV mounting structures and access roads.
28(ii)	Residential, mixed, retail, commercial, industrial, or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development (ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare.	McTaggarts PV3 (considered to be an industrial development) will be constructed and operated on land previously used for agricultural purposes, including mainly grazing. The land is currently not used for any agricultural activities and the development footprint considered for the establishment of McTaggarts PV3 is 210ha in extent and is located outside an urban area.
Activity No(s):	Provide the relevant Scoping and EIA Activity(ies) as set out in Listing Notice 2 of the EIA Regulations, 2014 as amended	Describe the portion of the proposed project to which the applicable listed activity relates.

1	The development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts or more.	McTaggarts PV3 is a solar PV facility and will make use of solar energy as a renewable energy resource. The project will have a contracted capacity of up to 75MW.
15	The clearance of an area of 20 hectares or more of indigenous vegetation.	The project requires the clearance of an area of up to 210ha (equivalent to the development footprint) of vegetation. The project is proposed on a property where the predominant land use is grazing; however, at present, the land is not used for any agricultural activities. The project would therefore result in the clearance of an area of indigenous vegetation greater than 20ha in extent.

Please note that any authorisation that may result from this application will only cover activities specifically applied for. Only those activities listed above shall be considered for authorisation. The onus is on the applicant to ensure that all applicable listed activities are included in the application. Environmental Authorisation must be obtained prior to commencement with each applicable listed activity.

Coordinate points indicating the location of each listed activity must be provided as part of **APPENDIX 6** as well part of the reports to be submitted. Coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 co-ordinate system.

8. PUBLIC PARTICIPATION

Provide details of the public participation process proposed for the application as required by Regulation 41(2) of the EIA Regulations, 2014 as amended.

A full public participation process will be conducted for the McTaggarts PV3 Basic Assessment (BA) process:

Public participation undertaken prior to the release of the BA Report for review:

- » A2-sized site notices were placed at conspicuous locations along the boundaries of the affected properties, Portion 3 of the Farm McTaggarts Camp 453 and Portion 12 of the Farm Klip Punt 452, on 16 October 2019;
- » A notification letter and Background Information Document (BID), providing information on the proposed development, the BA process and inviting Interested and Affected Parties (I&APs) to register on the project's I&AP database was sent to the I&APs, including the adjacent landowners, key stakeholders and relevant organs of state on 09 October 2019;
- » A notification letter was also sent to the registered I&APs, stakeholders and organs of state to inform them of the availability of the BA Report and the details of the public participation process on 12 November 2019; and
- » An advert was also placed in the Gemsbok Newspaper on 13 November 2019, in order to notify the public and provide details of the availability of the BA Report and the details of the comment period.

Public participation during the 30-day review period of the BA Report:

- » Copies of the BA Report will be made available to the public and circulated to organs of state departments and key stakeholders for review and comment. A 30-day period will be provided for review and comment. Comments raised by I&APs during the BA Report 30-day review period will be synthesised into a Comments and Responses (C&R) Report, which will be submitted to the Competent Authority with the final BA Report. The C&R Report will include detailed responses from members of the BA project team and/or project proponent.
- » On-going consultation with I&APs and stakeholders.

Public participation during the decision-making phase:

» Registered I&APs will be notified of the DEA's decision and appeals process.

9. OTHER AUTHORISATIONS REQUIRED

Are there any other applications for Environmental Authorisation on the same property?		YES	<input checked="" type="checkbox"/>
If YES, please indicate the following:			
Competent Authority	Department of Environmental Affairs		
Application Reference Number	To be confirmed. The BA processes commenced at the same time as the BA Process for McTaggarts PV3.		
Project Name	Klip Punt PV1 McTaggarts PV1 McTaggarts PV2		
No authorisations have been issued for these projects. The BA processes are still in process.			

IF YES IS SELECTED, PLEASE ATTACH OTHER AUTHORISATIONS ISSUED.

Applications in terms of the National Environmental Management Act ("NEMA") & specific environmental management Acts ("SEMA's"):

LEGISLATION	AUTHORISATION REQUIRED	APPLICATION SUBMITTED
Is Section 50(5) of the National Environmental Management: Protected Areas Act applicable to your proposed development? (The proposed development is within a proclaimed protected area as defined the Act.)	NO	NO
National Water Act (Act No. 36 of 1998)	YES	NO
National Environmental Management: Air Quality Act (Act No. 39 of 2004)	NO	NO
National Environmental Management: Biodiversity Act (Act No. 10 of 2004)	NO	NO
National Environmental Management: Integrated Coastal Management Act (Act No. 24 of 2008)	NO	NO
National Environmental Management: Protected Areas Act (Act No. 57 of 2003)	NO	NO
National Environmental Management: Waste Act (Act No. 59 of 2008)	NO	NO
Others: Please specify	NO	NO

Please be advised that:

- If a Waste Management license is required in terms of the National Environmental Management: Waste Act, please contact the Department for guidance on the **Integrated Permitting System**. **An IPS application can only be lodged with this Department in the event that this Department is the Competent Authority for both the EIA and Waste related activities;**
- If Sections 7B and 7C of the National Environmental Management: Integrated Coastal Management Act is applicable to your proposed development, you are required to obtain pre-approval for a reclamation application prior to an Application for Environmental Authorisation being lodged with the Competent Authority;
- If Section 50(5) of the National Environmental Management: Protected Areas Act is applicable to your proposed development, you are required to obtain approval from the Management Authority prior to an Application for Environmental Authorisation being lodged with the Competent Authority; and
- If Section 38 of the National Heritage Resources Act (Act No. 25 of 1999) is applicable to your proposed development, you are requested to submit the Notice of Intent form to the relevant SAHRA or a Provincial Heritage Resources Authority and attach a copy to this form. If it is indicated that a Heritage Impact Assessment will be required, the Heritage Impact Assessment must be undertaken as one of the specialist studies of the EIA process to be undertaken in terms of the NEMA EIA Regulations, 2014, as amended.

10. LIST OF APPENDICES

		SUBMITTED	
APPENDIX 1	Copy of the pre-application meeting minutes		NO
APPENDIX 2	Proof of Payment / Motivation for exclusion	YES	
APPENDIX 3	List of landowners (with contact details) and written consent of land owners.	YES	
APPENDIX 4	List of Local/Provincial Authority involved (with contact details)		NO
APPENDIX 5	Strategic Infrastructure Projects	YES	
APPENDIX 6	List of SGIDs and coordinates	YES	
APPENDIX 7	Locality map	YES	
APPENDIX 8	Project schedule	YES	
APPENDIX 9	Declaration of Applicant	YES	
APPENDIX 10	Declaration of EAP and undertaking under oath or affirmation	YES	
APPENDIX 11	Screening Tool Report	YES	
APPENDIX 12	Undertaking under Oath / Affirmation	YES	

**APPENDIX 1
COPY OF THE PRE-APPLICATION MEETING MINUTES**

(Not Applicable)

**APPENDIX 2
PROOF OF PAYMENT/ MOTIVATION FOR EXCLUSION**



NOTIFICATION OF PAYMENT

To Whom It May Concern:

RMB Private Bank hereby confirms that the following payment instruction has been received:

Date Actioned : 12 Nov 2019
Time Actioned : 12:06:00
Trace ID : VODSGVD22N5F

Payer Details

Payment From : Aep
Cur/Amount : ZAR2,000.00

Payee Details

Recipient/Account No : . . 240072
Name : Department Of Enviro
Bank : ABSA Bank
Branch Code : 632005
Reference : -28.495458- 21.0466

END OF NOTIFICATION

To authenticate this Payment Notification, please visit the RMB Private Bank website at rmbprivatebank.com, select Contact Us+Tools and then select "Verify Payment" and follow the on-screen instructions.

Our customer (the payer) has requested FirstRand Bank Limited to send this notification of payment to you. Should you have any queries regarding the contents of this notice, please contact the payer. FirstRand Bank Limited does not guarantee or warrant the accuracy and integrity of the information and data transmitted electronically and we accept no liability whatsoever for any loss, expense, claim or damage, whether direct, indirect or consequential, arising from the transmission of the information and data.

5 Merchant Place, 9 Fredman Drive, Sandton
PO Box 785611, Sandton, 2146
Email: servicesuite@rmbprivatebank.com Website: www.rmbprivatebank.com
Telephone: 087-575-9411

RMB Private Bank, a division of FirstRand Bank Limited. Reg No 1929/001225/06
An Authorised Financial Services and Credit Provider (NCRCP20).

**APPENDIX 3
LIST OF LAND OWNERS
WRITTEN CONSENT OF LAND OWNERS**

18 February 2019

To: Khi CSP South Africa (Pty) Ltd
3 Kiepersol Close
Kendon House
Plattekloof
Cape Town 7500

Email: tapiwad@idc.co.za
javier.payan@abengoa.com

Attention: Directors

REQUEST FOR LANDOWNER CONSENT FOR BASIC ASSESSMENT PROCESS TO BE UNDERTAKEN

Dear Khi CSP South Africa (Pty) Ltd

This letter serves to inform you, the landowner of McTaggarts Camp Farm 453 PTN 3 and Klip Punt 452 PTN 12, that Savannah Environmental (Pty) Ltd has been appointed by McTaggarts PV 3 (Pty) Ltd (the "Company"), to undertake an Environmental Impact Assessment (Basic Assessment) process for the establishment of the proposed McTaggarts PV3 Project on McTaggarts Camp Farm 453 PTN 3 and Klip Punt 452 PTN 12 in Upington (proposed activity) within the Upington Renewable Energy Development Zone (REDZ) (REDZ No.)¹.

In terms of Chapter 6 Regulation 39(1) of the EIA Regulations 2014, as amended, the applicant is required to obtain written consent from the landowner or person in control of the land, to undertake the BA process for the proposed activity.

This letter should be considered a formal notification of the Basic Assessment process, as required by the EIA Regulations of December 2014, as amended. Please be advised that, as part of this process, a public participation process will be undertaken, and as a landowner you have the right to participate in this process.

Kindly sign to acknowledge the intent of the Company to undertake a BA process for the establishment of the proposed McTaggarts PV3 Project on your identified property, and to provide written consent as the landowner or person in control of the land for the BA process to be undertaken. Please sign the acknowledgment form which follows, and return the original by post to us at:

3 Kiepersol Close
Kendon House
Plattekloof
Cape Town 7500

Furthermore, please send a copy, by email to the email address below:

Email: michelle.hamman@abengoa.com

If you have questions or require further clarification, please feel free to contact us.

¹ The procedure to be followed in applying for environmental authorisation for a large-scale project in a REDZ was formally gazetted on 16 February 2018 (in GN113 and GN114). New wind or PV projects located within one of the eight REDZ areas, are now subject to a Basic Assessment and not a full EIA process, as well as a shortened timeframe of 57 days for the processing of an Application for Environmental Authorisation.

Yours sincerely,



Anthony Robert de Graaf



Federico Zanotta Rizzo

73

LANDOWNER ACKNOWLEDGMENT OF THE INTENT TO UNDERTAKE A BASIC ASSESSMENT PROCESS

PROPOSED ESTABLISHMENT OF MCTAGGARTS PV3 (PTY) LTD

LANDOWNER CONSENT FORM REQUIRED IN TERMS OF CHAPTER 6 REGULATION 39(1) OF THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS (2014), AS AMENDED

I, Tapiwa Dube and Javier Payan Mogollo


Authorized representative of:

Khi CSP South Africa (Pty) Ltd,

give consent for the undertaking of a BA process for the proposed McTaggarts PV3 on my property provided all required consents are obtained. This serves to confirm that I have been informed that a Basic Assessment process is being undertaken by Savannah Environmental (Pty) Ltd on my property, on behalf of McTaggarts PV3 (Pty) Ltd and give consent to undertake such activity on the land. I am further aware of my right to participate in the public participation process that will be undertaken as part of the process.

I am not aware of any land claims, prospecting rights, mining rights and/or other applications taking place on the property.

Tapiwa Dube



Signature

18 February 2019

Javier Payan Mogollo



Signature

18 February 2019



**APPENDIX 4
LIST OF LOCAL/PROVINCIAL AUTHORITY INVOLVED**

(Not Applicable)

**APPENDIX 5
STRATEGIC INFRASTRUCTURE PROJECTS**

(Not Applicable)

SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst

- 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.

SIP 2: Durban-Free State-Gauteng logistics and industrial corridor

- 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.

SIP 3: South-Eastern node & corridor development

- 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.

SIP 4: Unlocking the economic opportunities in North West Province

- 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.

SIP 5: Saldanha-Northern Cape development corridor

- 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.

SIP 6: Integrated municipal infrastructure project

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.

SIP 7: Integrated urban space and public transport programme

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.

SIP 8: Green energy in support of the South African economy

Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.

Indicate capacity in MW: 75MW

SIP 9: Electricity generation to support socioeconomic development

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.

Indicate capacity in MW:

SIP 10: Electricity transmission and distribution for all

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.

SIP 11: Agri-logistics and rural infrastructure

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.

SIP 12: Revitalisation of public hospitals and other health facilities

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.

SIP 13: National school build programme

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.

SIP 14: Higher education infrastructure

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.

SIP 15: Expanding access to communication technology

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 from analogue to digital broadcasting.

SIP 16: SKA & Meerkat

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.

SIP 17: Regional integration for African cooperation and development

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.

SIP 18: Water and sanitation infrastructure

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.

PLEASE ATTACH PROOF FROM THE RELEVANT SIP CO-ORDINATOR FOR EACH OF THE SIP PROJECT SELECTED.

APPENDIX 6
LIST OF SGIDS / COORDINATES OF THE BOUNDARY OF THE PROPERTY OR PROPERTIES / COORDINATES
OF LISTED ACTIVITIES

Appendix 6: SGIDs & Coordinates*Development Area Coordinates*











	Latitude	Longitude
01	28°30'30.19"S	21° 2'34.99"E
02	28°30'23.25"S	21° 2'44.80"E
03	28°30'14.57"S	21° 2'44.80"E
04	28°29'59.02"S	21° 3'7.13"E
05	28°29'54.54"S	21° 3'7.08"E
06	28°29'46.67"S	21° 3'18.25"E
07	28°29'36.64"S	21° 3'8.58"E
08	28°29'27.24"S	28°29'27.24"S
09	28°29'24.30"S	21° 3'22.15"E
10	28°29'17.26"S	21° 3'17.98"E
11	28°29'2.19"S	21° 3'6.89"E
12	28°29'11.94"S	21° 2'52.11"E
13	28°29'15.02"S	21° 2'52.03"E
14	28°29'27.33"S	21° 2'33.82"E
15	28°29'26.31"S	21° 2'30.75"E
16	28°29'41.19"S	21° 2'9.56"E
17	28°29'46.10"S	21° 2'9.56"E
18	28°29'46.07"S	21° 2'10.64"E
19	28°29'53.90"S	21° 2'10.76"E
20	28°29'53.92"S	21° 2'13.49"E
21	28°30'0.59"S	21° 2'13.43"E
22	28°30'0.55"S	21° 2'14.50"E
23	28°29'52.67"S	21° 2'27.67"E
24	28°29'52.94"S	21° 2'27.48"E
25	28°30'24.61"S	21° 2'27.54"E
26	28°30'24.55"S	21° 2'30.68"E
27	28°30'28.42"S	21° 2'30.71"E
28	28°30'28.49"S	21° 2'35.04"E
Centre Point Coordinates	28°29'45.42"S	21° 2'48.25"E

**APPENDIX 7
LOCALITY MAP**

McTaggart's PV3, Northern Cape Province

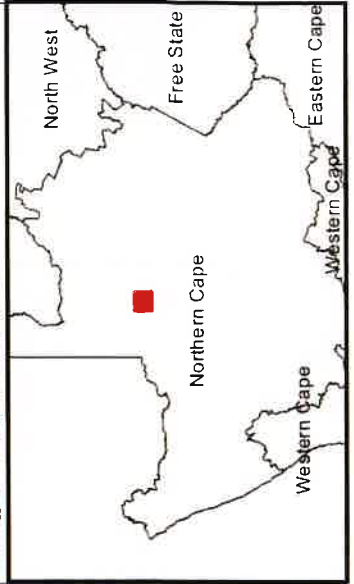
Desktop Environmental Sensitivity Map

Legend

-  Access Road
 -  Eskom Substations
 -  Eskom power line
 -  Farm Portions
 -  Development_Area_(~260ha)
- ### Environmental Sensitivities
-  Perennial River
 -  Non-perennial River
- ### Vegetation
-  Kalahari Karroid Shrubland (Least threatened)
- ### Northern Cape CBA
-  Ecological Support Area
 -  Other Natural Areas

savannah
environmental

Scale: 1:25 000
Projection: UTM
Ref: McTaggart's PV3 Environmental Sensitivity Map 23/10/19



**APPENDIX 8
PROJECT SCHEDULE**

Khunab PV - BA Programme (Nov 2019)

ID	Task Name	Duration	Start	Finish
1	Receive layout and project details	7 days	Fri 19/08/30	Mon 19/09/09
2	Compile application for environmental authorisation	6 days	Thu 19/11/07	Thu 19/11/14
3	Submit application to DEA	0 days	Thu 19/11/14	Thu 19/11/14
4	Place advert regarding BA Report availability	0 days	Thu 19/11/14	Thu 19/11/14
5	Undertake Basic Assessment and public participation	93 days	Fri 19/08/30	Tue 20/01/07
6	Undertake BA (including update of the specialist studies) and public participation process	2 wks	Fri 19/08/30	Thu 19/09/12
7	Drafting of BA Report	25 days	Tue 19/10/01	Mon 19/11/04
8	Logistics & courier of reports to Upington	3 days	Tue 19/11/05	Thu 19/11/07
9	Public review of draft BA report (30 calendar days, incl. public holidays)	30 edays	Wed 19/11/13	Fri 19/12/13
10	Days of reckoning as per the EIA Regulations	21 edays	Mon 19/12/16	Mon 20/01/06
11	Finalise & submit BA Report to DEA	22 edays	Mon 19/12/16	Tue 20/01/07
12	Authority review of BA report	44 days	Tue 20/01/07	Fri 20/03/06
13	Review and decision-making on application (57 days for authority decision due to location within a REDZ)	57 edays	Tue 20/01/07	Wed 20/03/04
14	Receive environmental authorisation	0 days	Wed 20/03/04	Wed 20/03/04
15	Notify registered I&Aps of environmental authorisation	2 days	Thu 20/03/05	Fri 20/03/06

**APPENDIX 9
DECLARATION OF THE APPLICANT**

I, Anthony De Graaf _____, declare that –

- I am, or represent¹, the applicant in this application;
- I have appointed an Environmental Assessment Practitioner (EAP) to act as the independent EAP for this application / have obtained exemption from the requirement to obtain an EAP²;
- I will take all reasonable steps to verify whether the EAP and specialist/s appointed are independent and have expertise in conducting environmental impact assessments or undertaking specialist work as required, including knowledge of the Act, the EIA Regulations and any guidelines that have relevance to the proposed activity;
- I will provide the EAP and the Competent Authority with access to all information at my disposal that is relevant to the application;
- I 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 costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the Competent Authority;
- I 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;
- I am responsible for complying with the conditions of any environmental authorisation issued by the Competent Authority;
- I hereby indemnify the Government of the Republic of South Africa, 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;
- I 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;
- I will perform all 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 am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in section 49B of the Act.
- I am aware that in terms of Section 24F of the National Environmental Management Act, as amended (Act No. 107 of 1998) that no listed activity may commence prior to an environmental authorisation being granted by the Competent Authority.



Signature³ of the applicant/ Signature on behalf of the applicant

McTaggart PV3 (Pty) Ltd

Name of company (if applicable)

Date:

¹ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached. If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.

² 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.

³ Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted. An EAP may not sign on behalf of an applicant.

APPENDIX 10
DECLARATION OF THE EAP

I, Jo-Anne Thomas, declare that –

- I act as the independent environmental assessment practitioner in this application;
- 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 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 will take into account, to the extent possible, the matters listed in Regulation 13 of the Regulations when preparing the application and any report relating to the application;
- 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, unless access to that information is protected by law, in which case it will be indicated that such information exists and will be provided to the Competent Authority;
- I will perform all obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in Section 49B 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;

Thomas

Signature of the environmental assessment practitioner

Savannah Environmental (Pty) Ltd

Name of company:

13/11/19

Date


COMMISSIONER OF OATHS (RSA)
Hashveer Singh CA(SA)
Member No.: 20053691
Unit 261 Kikuyu Waterfall
Corner Old Pretoria Main Road and Maxwell
Waterfall, Johannesburg

**APPENDIX 11
SCREENING TOOL REPORT & SAHRA NOTICE OF INTENT**

**SCREENING REPORT FOR AN ENVIRONMENTAL AUTHORIZATION OR
FOR A PART TWO AMENDMENT OF AN ENVIRONMENTAL AUTHORISATION
AS REQUIRED BY THE 2014 EIA REGULATIONS – PROPOSED SITE
ENVIRONMENTAL SENSITIVITY**

EIA Reference number: TBA

Project name: Khunab Solar Development

Project title: McTaggart PV3

Date screening report generated: 15/10/2019 21:52:42

Applicant: McTaggart PV3 (Pty) Ltd

Compiler: Khomotjo Reuben Maroga

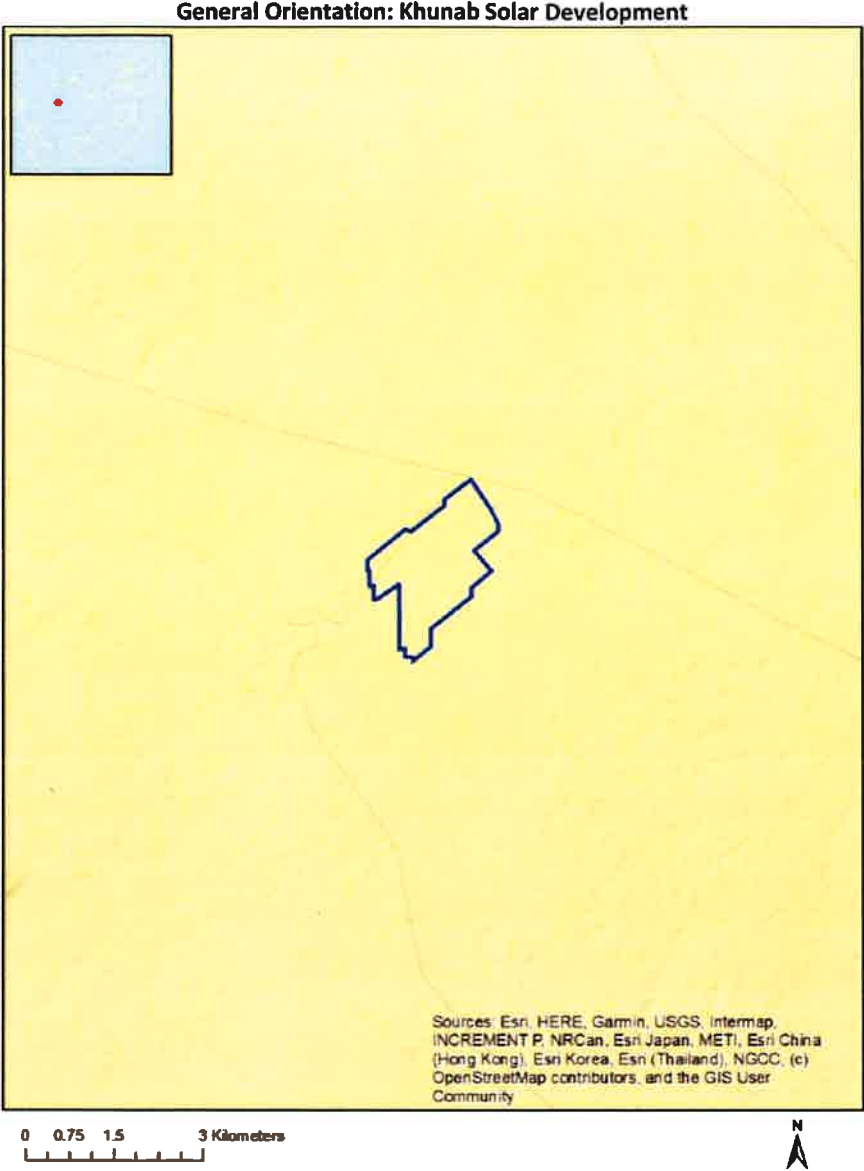
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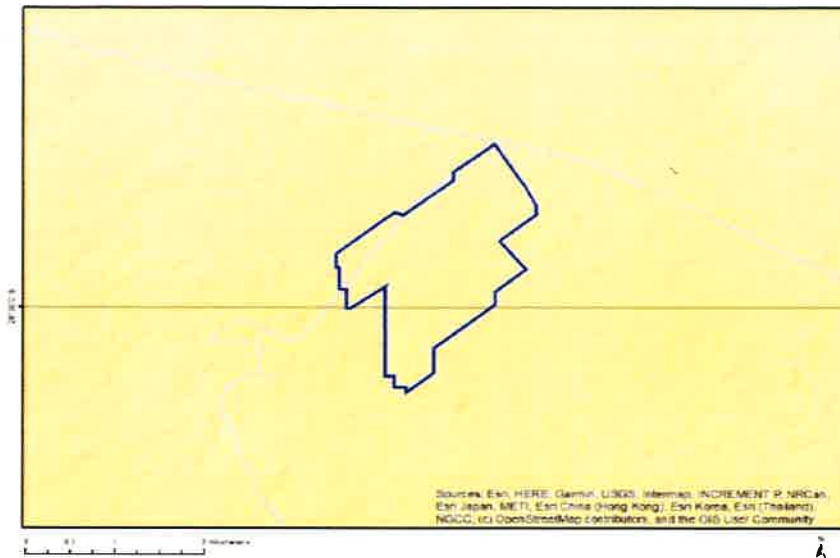
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Map of proposed site and relevant area(s).....	4
Cadastral details of the proposed site	4
Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area	4
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Map indicating proposed development footprint within applicable development incentive, restriction, exclusion or prohibition zones.....	7
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Proposed Project Location

Orientation map 1: General location



Map of proposed site and relevant area(s)



Cadastral details of the proposed site

Property details:

No	Farm Name	Farm/ Erf No	Portion	Latitude	Longitude	Property Type
1	MC TAGGART'S CAMP	453	0	28°31'20.25S	21°3'35.91E	Farm
2	KLIP PUNT	452	0	28°30'33.28S	21°4'15.58E	Farm
3	MC TAGGART'S CAMP	453	3	28°31'22.18S	21°3'32.35E	Farm Portion
4	KLIP PUNT	452	12	28°30'40.72S	21°4'27.02E	Farm Portion

Development footprint¹ vertices:

No development footprint(s) specified.

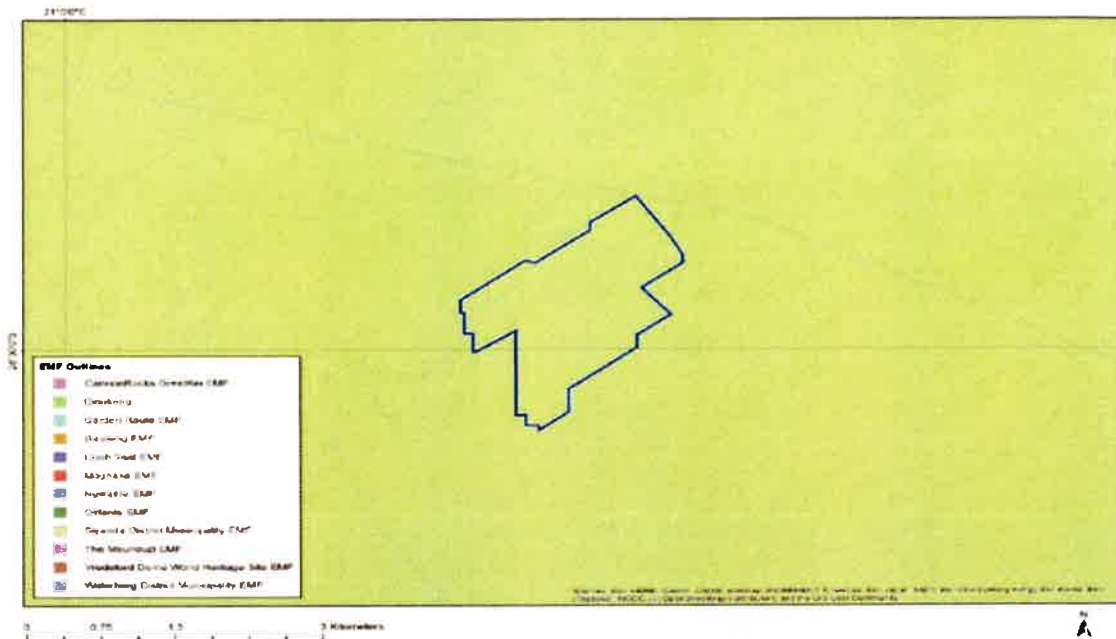
Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area

No	EIA Reference No	Classification	Status of application	Distance from proposed area (km)
1	14/12/16/3/3/2/657	Solar CSP	Approved	0
2	12/12/20/1831/2	Solar CSP	Approved	0
3	12/12/20/1831/1	Solar CSP	Approved	0

¹ "development footprint", means the area within the site on which the development will take place and includes all ancillary developments for example roads, power lines, boundary walls, paving etc. which require vegetation clearance or which will be disturbed and for which the application has been submitted.

4	12/12/20/2229	Solar PV	Approved	18.9
5	12/12/20/2518	Solar PV	Approved	28.5
6	14/12/16/3/3/3/82	Solar CSP	Approved	5.9
7	12/12/20/2230	Solar PV	Approved	7.3
8	14/12/16/3/3/2/656	Solar CSP	Approved	0
9	12/12/20/1831	Solar CSP	Approved	0
10	14/12/16/3/3/2/816	Solar PV	Approved	4.4
11	14/12/16/3/3/2/821	Solar PV	Approved	25.9
12	12/12/20/2146	Solar PV	Approved	23
13	12/12/20/777	Solar CSP	Approved	0.9
14	12/12/20/1831/3	Solar PV	Approved	0

Environmental Management Frameworks relevant to the application



Environmental Management Framework	LINK
Siyanda District Municipality EMF	https://screening.environment.gov.za/ScreeningDownloads/EMF/SIYANDA_EMF_REPORT_2008.doc

Environmental screening results and assessment outcomes

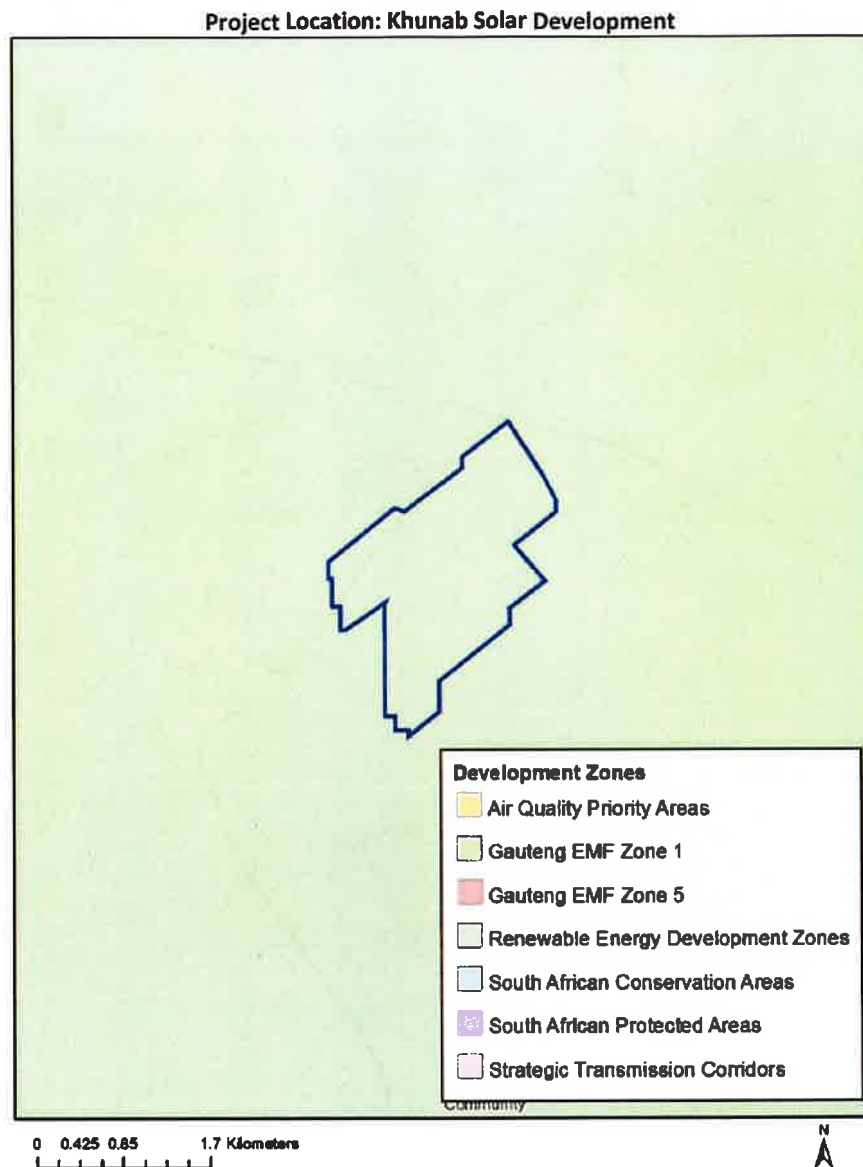
The following sections contain a summary of any development incentives, restrictions, exclusions or prohibitions that apply to the proposed development site as well as the most environmental sensitive features on the site based on the site sensitivity screening results for the application classification that was selected. The application classification selected for this report is: Any activities within or close to a watercourse | Any activities within or close to a watercourse.

Relevant development incentives, restrictions, exclusions or prohibitions

The following development incentives, restrictions, exclusions or prohibitions and their implications that apply to this site are indicated below.

Incentive, restriction or prohibition	Implication
Strategic Transmission Corridor-Northern corridor	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/GNR_350_of_13_April_2017.pdf
Renewable energy development zones 7-Upington	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/GNR_350_of_13_April_2017.pdf

Map indicating proposed development footprint within applicable development incentive, restriction, exclusion or prohibition zones



Proposed Development Area Environmental Sensitivity

The following summary of the development site environmental sensitivities is identified. Only the highest environmental sensitivity is indicated. The footprint environmental sensitivities for the proposed development footprint as identified, are indicative only and must be verified on site by a suitably qualified person before the specialist assessments identified below can be confirmed.

Theme	Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
Agriculture Theme				X
Aquatic Biodiversity Theme				X

Archaeological and Cultural Heritage Theme			X	
Civil Aviation Theme				X
Paleontology Theme			X	
Plant Species Theme			X	
Defence Theme			X	
Terrestrial Biodiversity Theme				X

Specialist assessments identified

Based on the selected classification, and the environmental sensitivities of the proposed development footprint, the following list of specialist assessments have been identified for inclusion in the assessment report. It is the responsibility of the EAP to confirm this list and to motivate in the assessment report, the reason for not including any of the identified specialist study including the provision of photographic evidence of the site situation.

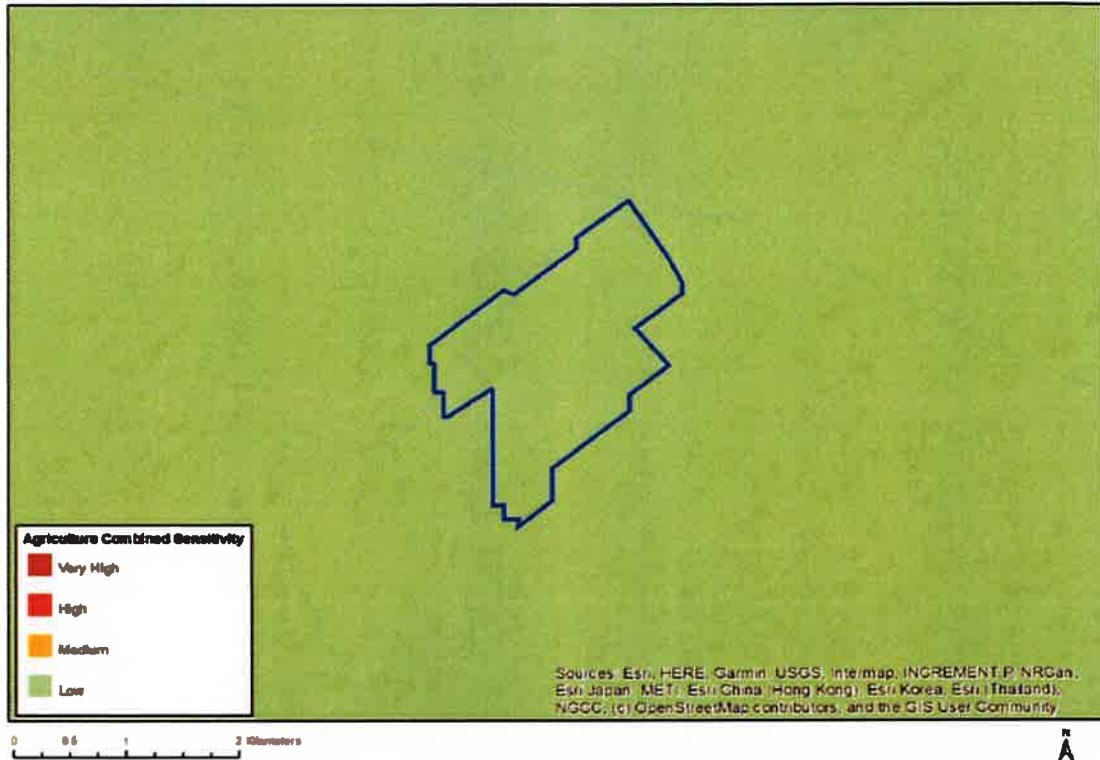
N o	Specialist assessment	Assessment Protocol
1	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted General Requirement Assessment Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted General Requirement Assessment Protocols.pdf
3	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted General Requirement Assessment Protocols.pdf
4	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted Terrestrial Biodiversity Assessment Protocols.pdf
5	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted Aquatic Biodiversity Assessment.pdf
6	Hydrology Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted General Requirement Assessment Protocols.pdf
7	Socio-Economic	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted General Requirement Assessment Protocols.pdf

	Assessment	
8	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf
9	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf

Results of the environmental sensitivity of the proposed area.

The following section represents the results of the screening for environmental sensitivity of the proposed site for relevant environmental themes associated with the project classification. It is the duty of the EAP to ensure that the environmental themes provided by the screening tool are comprehensive and complete for the project. Refer to the disclaimer.

MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY

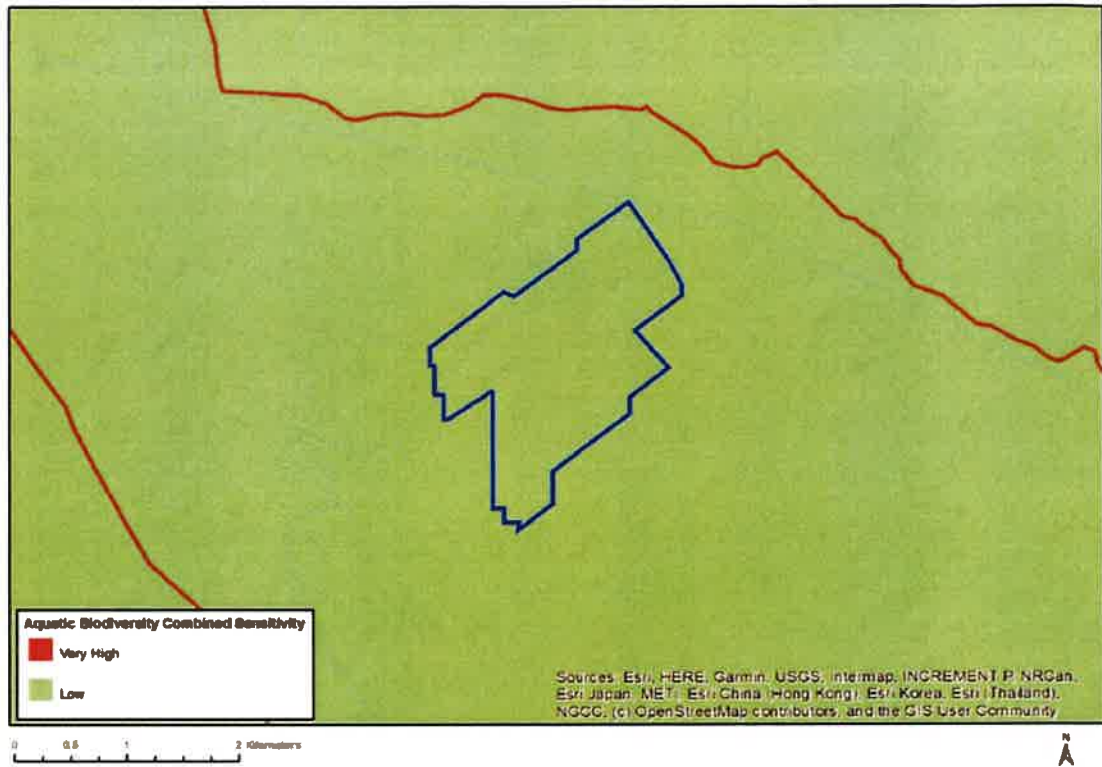


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Land capability;01. Very low/02. Very low/03. Low-Very low/04. Low-Very low/05. Low

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

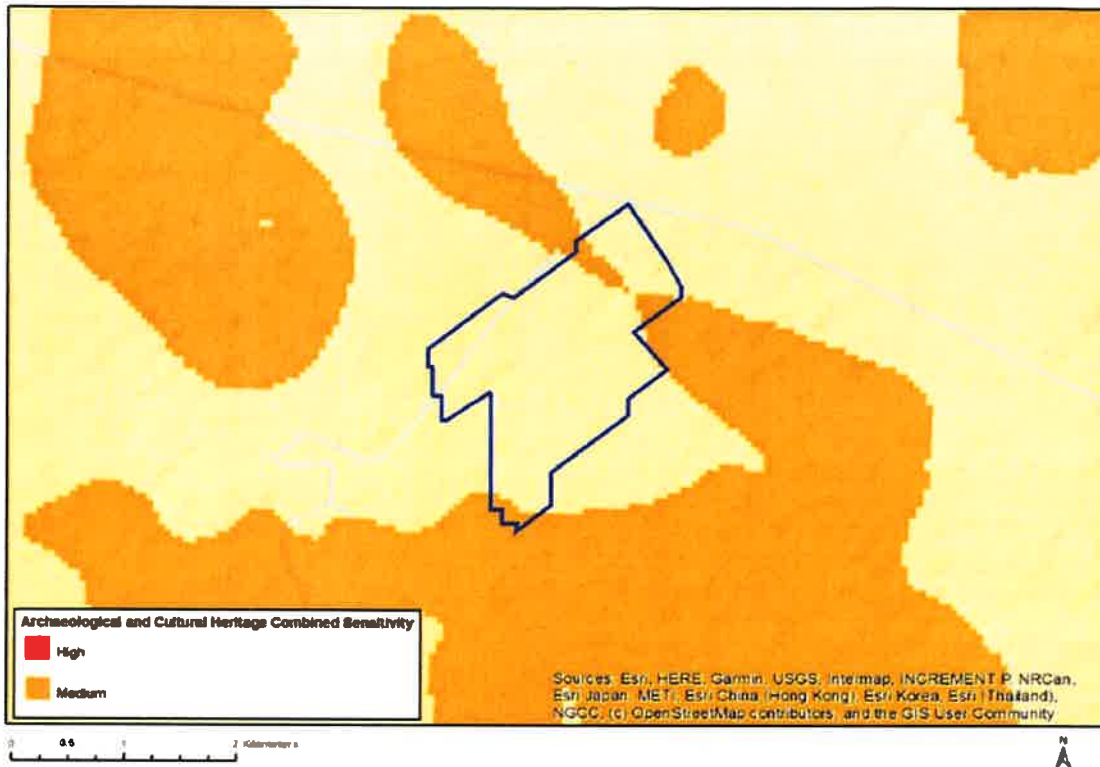


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity Areas

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

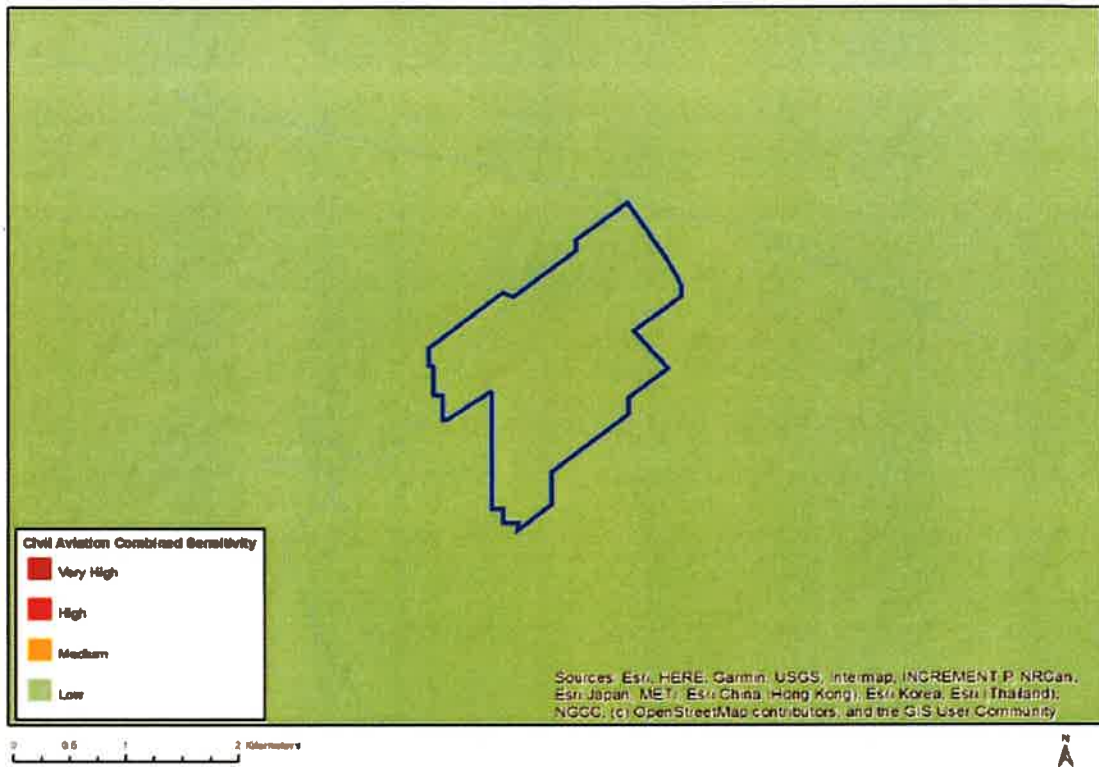


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Mountain or ridge

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

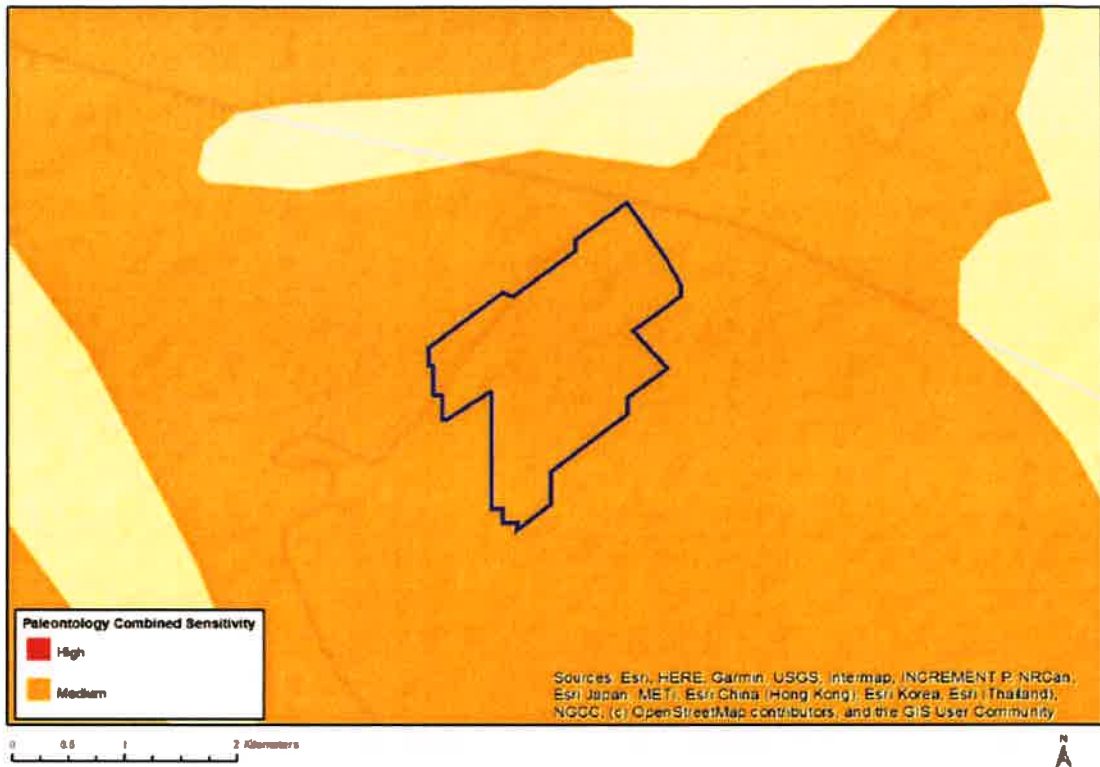


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

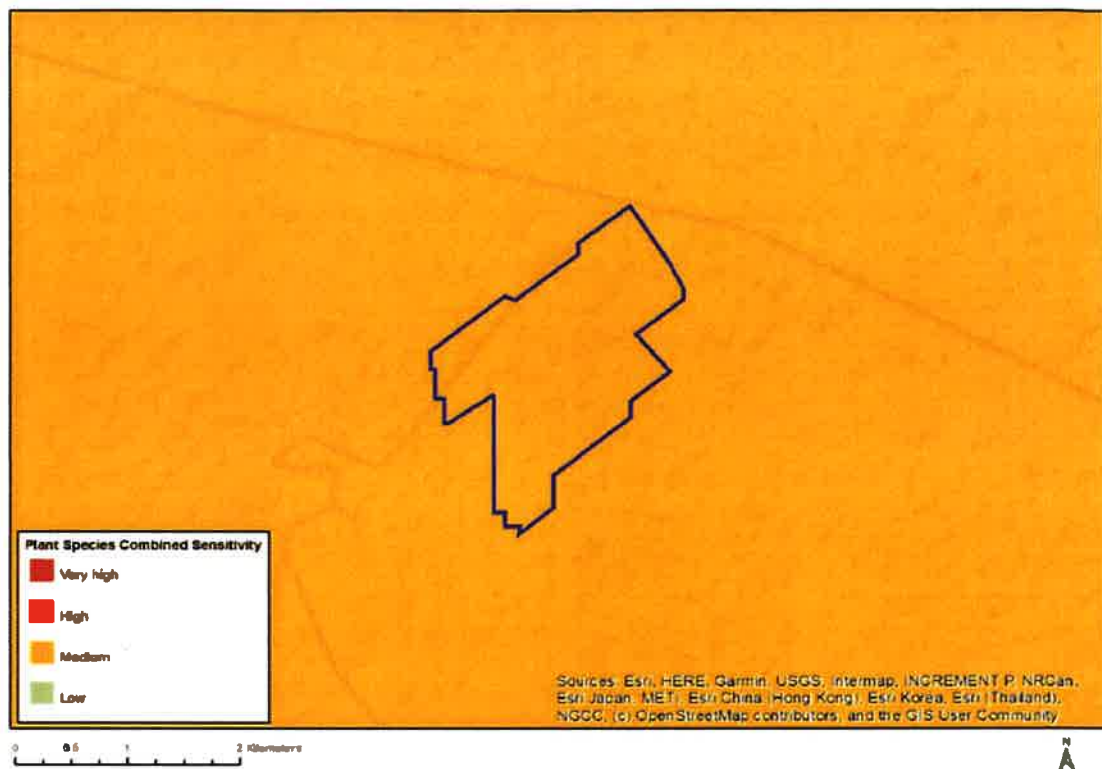


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Rock units with a medium paleontological sensitivity

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY

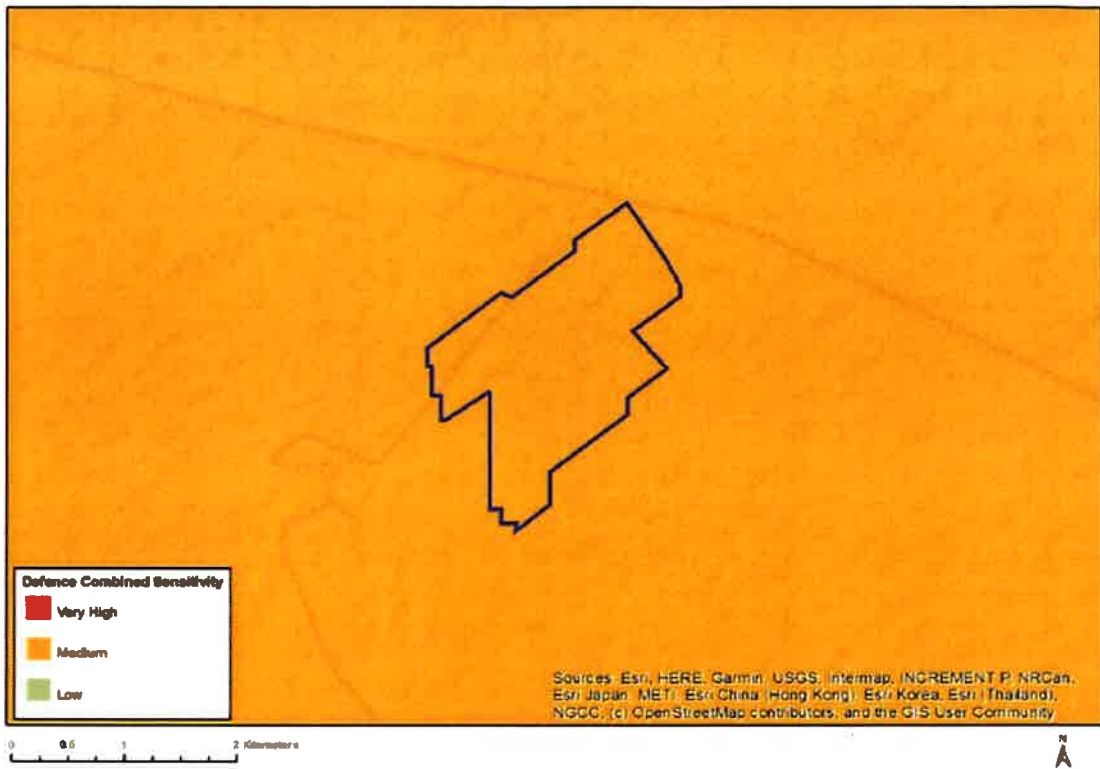


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Sensitive species 44

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

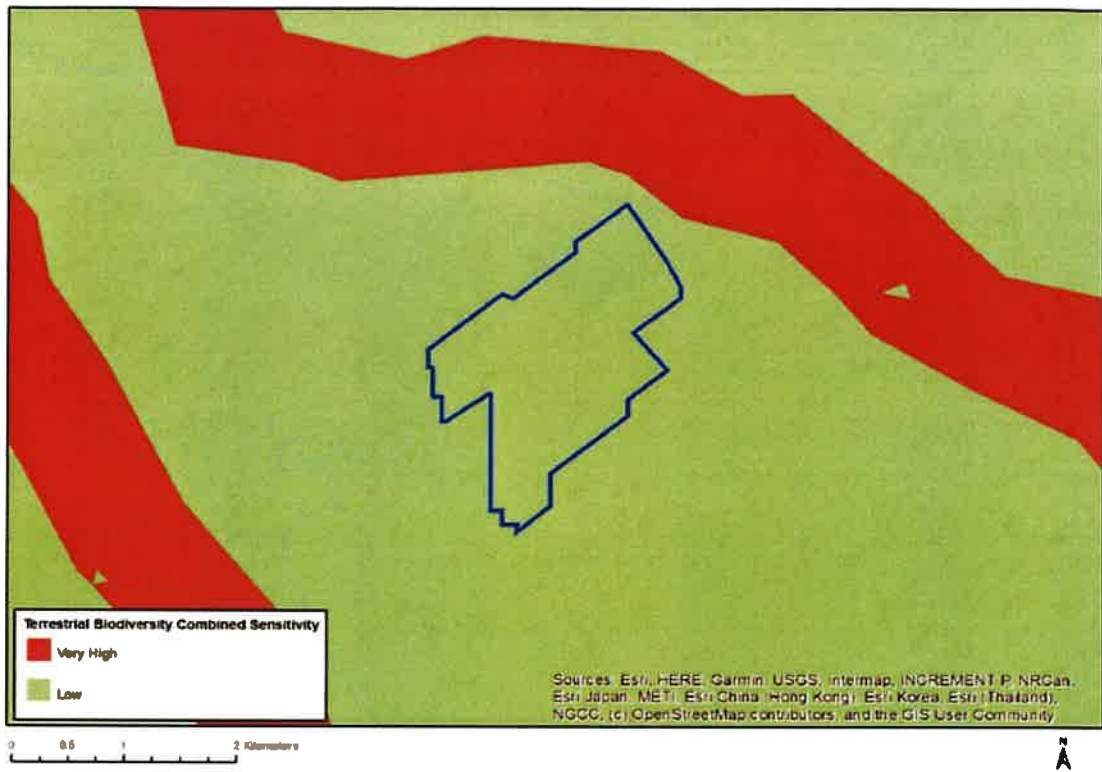


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Defence Site

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	None

McTaggarts PV3

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[CaseHeader](#) [LocationInfo](#) [Admin](#)

Status: Pending & Under Assessment

HeritageAuthority(s): SAHRA
NHRKB

Case Type: Section 38 (8) - Statutory Comment Required

ProposalDescription:

Applicant: McTaggarts PV3 (PTY) Ltd The development of four (4) separate solar photovoltaic (PV) facilities, each with a contracted capacity of up to 75MW located ~20km south-west of Upington within the Upington Renewable Energy Development Zone (or REDZ 7). The projects are located in the Kar !Ganib Local Municipality and within the ZF Mgcawu District Municipality in the Northern Cape. The Dawid Kruiper Local Municipality is located directly to the east.

ApplicationDate: Tuesday, December 3, 2019 - 07:30

CaseID: 14545

Applicants: McTaggarts PV2 (PTY) Ltd

Consultants/Experts: Reuben Maroga

OtherReferences:

Dept	CaseReference	DueDate	FinalDecision
DEA			

ReferenceList:

AdditionalDocuments

1. 0 McTaggarts PV3 - BA Report.pdf
2. McTaggarts PV3 - App A - CVs-min.pdf
3. McTaggarts PV3 - App C1 - I&AP Database (DEA - A3).pdf
4. McTaggarts PV3 - App C2 - Site Notices and Newspaper Advertisements-min.pdf
5. McTaggarts PV3 - App C3 - Background Information Document-min.pdf
6. McTaggarts PV3 - App C4 - Organs of State Correspondence-min.pdf
7. McTaggarts PV3 - App C5 - I&AP Correspondence-min.pdf
8. McTaggarts PV3 - App C6 - Comments Received-min.pdf
9. McTaggarts PV3 - App C7 - Minutes of Meetings-min.pdf
10. McTaggarts PV3 - App C8 - Comments and Responses Received-min.pdf
11. McTaggarts PV3 - App D - Ecological Impact Assessment-min.pdf
12. McTaggarts PV3 - App E - Avifauna Impact Assessment-min.pdf
13. McTaggarts PV3 - App F - Aquatic Resources Impact Assessment-min.pdf
14. McTaggarts PV3 - App G - Soil, Land Use and Agricultural Impact Assessment-min.pdf
15. McTaggarts PV3 - App H - Heritage Impact Assessment-min.pdf
16. McTaggarts PV3 - App I - Visual Impact Assessment-min.pdf
17. McTaggarts PV3 - App J - Social Impact Assessment-min.pdf
18. McTaggarts PV3 - App J(a) - Social Impact Assessment External Reviewers Letter-min.pdf
19. McTaggarts PV3 - App K - Traffic Impact Assessment-min.pdf
20. McTaggarts PV3 - App L - Screening Report-min.pdf
21. McTaggarts PV3 - App M - Environmental Management Programme.pdf
22. McTaggarts PV3 - App M(a) - CVs-min.pdf
23. McTaggarts PV3 - App M(b) - Grievance Mechanism for Public Complaints and Issues_compressed.pdf
24. McTaggarts PV3 - App M(c) - Alien Plant and Open Space Management Plan_compressed.pdf
25. McTaggarts PV3 - App M(d) - Plant Rescue and Protection Plan_compressed.pdf
26. McTaggarts PV3 - App M(e) - Re-vegetation and Rehabilitation Plan_compressed.pdf
27. McTaggarts PV3 - App M(f) - Erosion Management Plan_compressed (1).pdf
28. McTaggarts PV3 - App M(g) - Storm Water Management Plan_compressed.pdf
29. McTaggarts PV3 - App M(h) - Waste Management Plan_compressed.pdf
30. McTaggarts PV3 - App M(i) - Traffic Management Plan_compressed.pdf
31. McTaggarts PV3 - App M(j) - Emergency, Preparedness, Response and Fire Management Plan_compressed.pdf
32. McTaggarts PV3 - App M(k) - Key Legislation_compressed.pdf
33. McTaggarts PV3 - App M(l) - Chance Find Procedure_compressed.pdf
34. McTaggarts PV3 - App M(m) - A3 Maps.pdf
35. McTaggarts PV3 - App N - EAP Affirmation_compressed.pdf
36. McTaggarts PV3 - App O - A3 Maps.pdf

APPENDIX 12
UNDERTAKING UNDER OATH/ AFFIRMATION

I, Jo-Anne Thomas, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.

Jo-Anne Thomas

Signature of the Environmental Assessment Practitioner

Savannah Environmental (Pty) Ltd

Name of Company

13/11/19

Date

Signature of the Commissioner of Oaths

Date


COMMISSIONER OF OATHS (RSA)
Hashveer Singh CA(SA)
Member No.: 20053691
Unit 261 Kikuyu Waterfall
Corner Old Pretoria Main Road and Maxwell
Waterfall, Johannesburg