



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447 · PRETORIA · 0001 · Fedsure Building · 315 Pretorius Street · PRETORIA
Tel (+ 27 12) 310 3911 · Fax (+ 2712) 322 2682

DEA Reference: 14/12/16/3/3/2/588

Enquiries: Mmatlala Rabothata

Tel: 012 395 1768 Fax: 012 320 7539 E-mail: mrabothata@environment.gov.za

Frank van der Kooy
Lidwala Consulting Engineers (SA) (Pty) Ltd
PO Box 4221
NORTHCLIFF
2115

Fax: 086 500 5574

Tel: 0861 543 9252

PER FACSIMILE / MAIL

Dear Sir/Madam

ACKNOWLEDGEMENT OF RECEIPT AND ACCEPTANCE OF NEW APPLICATION FOR ENVIRONMENTAL AUTHORISATION (/EIA PROCESS) FOR THE PROPOSED 1GW UPINGTON SOLAR PARK WITHIN KHARA HAIS MUNICIPALITY IN THE NORTHERN CAPE PROVINCE

The Department confirms having received the application form, details of EAP and Declaration of interest, project schedule and locality map submitted by you on 20 August 2013 for environmental authorisation for the abovementioned project. You have submitted these documents to comply with the Environmental Impact Assessment Regulations, 2010. The Application is accepted.

You are required to submit the land owner's consent letter as the proof in terms of regulation 12 (2) (b) (i) of the EIA Regulations, 2010

In addition, please consider the following during compilation of reports for this application for environmental authorisation:

- All applicable Departmental Guidelines must be considered throughout the application process. These can be downloaded from the Department's website: www.environment.gov.za, Environmental Impact Management button, listed under "EIA Administration": Integrated Environmental Management Information Series link. These include, but are not limited to, the following topics: Scoping, Environmental Impact Reporting, Stakeholder Engagement, Specialist Studies, Impact Significance, Cumulative Effects Assessments, Alternatives in EIA and Environmental Management Plans.
- Please be advised that in terms of the EIA Regulations and NEMA the investigation of alternatives is mandatory. Alternatives must therefore be identified, investigated to determine if they are feasible and reasonable. It is also mandatory to investigate and assess the option of not proceeding with the proposed activity (the "no-go" option).

- Should water, solid waste removal, effluent discharge, stormwater management and electricity services be provided by the municipality, you are requested to provide this office with written proof that the municipality has sufficient capacity to provide the necessary services to the proposed development. Confirmation of the availability of services from the service providers must be provided together with the reports to be submitted.
- In the reports to be submitted it must clearly be demonstrated in which way the proposed development will meet the requirements of sustainable development. You must also consider energy efficient technologies and water saving devices and technologies for the proposed development. This could include measures such as the recycling of waste, the use of low voltage or compact fluorescent lights instead of incandescent globes, maximising the use of solar heating, the use of dual flush toilets and low-flow shower heads and taps, the management of storm water, the capture and use of rainwater from gutters and roofs, the use of locally indigenous vegetation during landscaping and the training of staff to implement good housekeeping techniques.
- A detailed and complete EMPr must be submitted with the EIR. This EMPr must not provide recommendations but must indicate actual remediation activities which will be binding on the applicant. Without this EMPr the documents will be regarded as not meeting the requirements and will be returned to the applicant for correction.
- The applicant/EAP is required to inform this Department in writing upon submission of any draft report, of the contact details of the relevant State Departments (that administer laws relating to a matter affecting the environment) to whom copies of the draft report were submitted for comment. Upon receipt of this confirmation, this Department will in accordance with Section 24O(2) & (3) of the National Environmental Management Act, 1998 (Act 107 of 1998) inform the relevant State Departments of the commencement date of the 40 day commenting period, or 60 days in the case of the Department of Water Affairs for waste management activities which also require a licence in terms of the National Water Act, 1998 (Act 36 of 1998).
- Should it be necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999), please submit the necessary application to SAHRA or the relevant provincial heritage agency and submit proof thereof with the Environmental Impact Assessment Report. The relevant heritage agency should also be involved during the public participation process and have the opportunity to comment on all the reports to be submitted to this Department.

You are required to submit the final site layout plan together with the Final EIR to the Department. All available biodiversity information must be used in the finalisation of the layout plan.

The Environmental Management Programme (EMPr) submitted as part of the application for environmental authorisation must include the following:

- All recommendations and mitigation measures to be recorded in the Final EIR.
- A plant rescue and protection plan which allows for the maximum transplant of conservation important species from areas to be transformed. This plan must be compiled by a vegetation specialist familiar with the site in consultation with the ECO and be implemented prior to commencement of the construction phase.
- An open space management plan to be implemented during the construction and operation of the facility.
- A re-vegetation and habitat rehabilitation plan to be implemented during the construction and operation of the facility including timeframes for restoration which must indicate rehabilitation within the shortest possible time after completion of construction activities to

reduce the amount of habitat converted at any one time and to speed up the recovery to natural habitats.

- An alien invasive management plan to be implemented during construction and operation of the facility. The plan must include mitigation measures to reduce the invasion of alien species and ensure that the continuous monitoring and removal of alien species is undertaken.
- A storm water management plan to be implemented during the construction and operation of the facility. The plan must ensure compliance with applicable regulations and prevent off-site migration of contaminated storm water or increased soil erosion. The plan must include the construction of appropriate design measures that allow surface and subsurface movement of water along drainage lines so as not to impede natural surface and subsurface flows. Drainage measures must promote the dissipation of storm water run-off.
- An effective monitoring system to detect any leakage or spillage of all hazardous substances during their transportation, handling, use and storage. This must include precautionary measures to limit the possibility of oil and other toxic liquids from entering the soil or storm water systems.
- An erosion management plan for monitoring and rehabilitating erosion events associated with the facility. Appropriate erosion mitigation must form part of this plan to prevent and reduce the risk of any potential erosion.
- A traffic management plan for the site access roads to ensure that no hazards would result from the increased truck traffic and that traffic flow would not be adversely impacted. This plan must include measures to minimize impacts on local commuters e.g. limiting construction vehicles travelling on public roadways during the morning and late afternoon commute time and avoid using roads through densely populated built-up areas so as not to disturb existing retail and commercial operations.
- An environmental sensitivity map indicating environmental sensitive areas and features identified during the EIA process.
- Measures to protect hydrological features such as streams, rivers, pans, wetlands, dams and their catchments, and other environmental sensitive areas from construction impacts including the direct or indirect spillage of pollutants.

You are requested to submit two (2) electronic copies (the main report must be separated from the Appendices (each appendix saved separately) (CD/DVD) and two (2) hard copies of both the Draft and Final Report to the Department. The hard copies must be double-sided printed; double-punched and must be bound using a lever arch file (two or four holes).

The EAP must, in order to give effect to regulation 56 (2), before submitting the Environmental Impact Assessment Report to the Department give registered interested and affected parties access to, and an opportunity to comment on the report in writing.

In terms of regulation 67 of the EIA Regulations, 2010 this application will lapse if the applicant (or the EAP on behalf of the applicant) fails to comply with a requirement in terms of the Regulations for a period of six months after having submitted the application, unless the reasons for failure have been communicated to and accepted by this Department.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no activity may commence prior to an environmental authorisation being granted by the Department.

Yours sincerely


Mr Ishaam Abader

Deputy Director-General: LACE

Department of Environmental Affairs:

Letter signed by: Ms Mmatlala Rabothata

Designation: Environmental Officer: Integrated Environmental Authorisations

Date: 30/08/13

CC:	Mpho Mthembu	Central Energy Fund (SOC) Limited	Fax: 010 201 4900
	Ms L Pienaar	NC DENC	Fax: 053 831 3530
	CM Newman	Khara Hais Local Municipality	Fax: N/A

A. EIA INFORMATION REQUIRED FOR SOLAR ENERGY FACILITIES

1. General site information

The following general site information is required:

- Descriptions of all affected farm portions
- 21 digit Surveyor General codes of all affected farm portions
- Copies of deeds of all affected farm portions
- Photos of areas that give a visual perspective of all parts of the site
- Photographs from sensitive visual receptors (tourism routes, tourism facilities, etc.)
- Solar plant design specifications including:
 - Type of technology
 - Structure height
 - Surface area to be covered (including associated infrastructure such as roads)
 - Structure orientation
 - Laydown area dimensions (construction period and thereafter)
 - Generation capacity
- Generation capacity of the facility as a whole at delivery points

This information must be indicated on the first page of any Scoping or EIA document. It is also advised that it be double checked as there are too many mistakes in the applications that have been received that take too much time from authorities to correct.

2. Site maps and GIS information

Site maps and GIS information should include at least the following:

- All maps/information layers must also be provided in ESRI Shapefile format
- All affected farm portions must be indicated
- The exact site of the application must be indicated (the areas that will be occupied by the application)
- A status quo map/layer must be provided that includes the following:

- Current use of land on the site including:
 - Buildings and other structures
 - Agricultural fields
 - Grazing areas
 - Natural vegetation areas (natural veld not cultivated for the preceding 10 years) with an indication of the vegetation quality as well as fine scale mapping in respect of Critical Biodiversity Areas and Ecological Support Areas
 - Critically endangered and endangered vegetation areas that occur on the site
 - Bare areas which may be susceptible to soil erosion
 - Cultural historical sites and elements
- Rivers, streams and water courses
- Ridgelines and 20m continuous contours with height references in the GIS database
- Fountains, boreholes, dams (in-stream as well as off-stream) and reservoirs
- High potential agricultural areas as defined by the Department of Agriculture, Forestry and Fisheries
- Buffer zones (also where it is dictated by elements outside the site):
 - 500m from any irrigated agricultural land
 - 1km from residential areas
- Indicate isolated residential, tourism facilities on or within 1km of the site
- A slope analysis map/layer that include the following slope ranges:
 - Less than 8% slope
 - between 8% and 12% slope
 - between 12% and 14% slope
 - steeper than 18 % slope
- A map/layer that indicate locations of birds and bats including roosting and foraging areas (specialist input required)
- A site development proposal map(s)/layer(s) that indicate:
 - Positions of solar facilities
 - Foundation footprint

- Permanent laydown area footprint
- Construction period laydown footprint
- Internal roads indicating width (construction period width and operation period width) and with numbered sections between the other site elements which they serve (to make commenting on sections possible)
- River, stream and water crossing of roads and cables indicating the type of bridging structures that will be used
- Substation(s) and/or transformer(s) sites including their entire footprint.
- Cable routes and trench dimensions (where they are not along internal roads)
- Connection routes to the distribution/transmission network (the connection must form part of the EIA even if the construction and maintenance thereof will be done by another entity such as Eskom)
- Cut and fill areas along roads and at substation/transformer sites indicating the expected volume of each cut and fill
- Borrow pits
- Spoil heaps (temporary for topsoil and subsoil and permanently for excess material)
- Buildings including accommodation

With the above information authorities will be able to assess the strategic and site impacts of applications.

3. Regional map and GIS information

The regional map and GIS information should include at least the following:

- All maps/information layers must also be provided in ESRI Shapefile format
- The map/layer must cover an area of 20km around the site.
- Indicate the following:
 - roads including their types (tarred or gravel) and category (national, provincial, local or private)
 - Railway lines and stations
 - Industrial areas
 - Harbours and airports

- Electricity transmission and distribution lines and substations
- Pipelines
- Waters sources to be utilised during the construction and operational phases
- A visibility assessment of the areas from where the facility will be visible
- Critical Biodiversity Areas and Ecological Support Areas
- Critically Endangered and Endangered vegetation areas
- Agricultural fields
- Irrigated areas
- An indication of new road or changes and upgrades that must be done to existing roads in order to get equipment onto the site including cut and fill areas and crossings of rivers and streams

4. Important stakeholders

Amongst other important stakeholders, comments from the National Department of Agriculture, Forestry and Fisheries must be obtained and submitted to the Department. Request for comment must be submitted to:

Mrs. Anneliza Collett
 Directorate: Land Use & Soil Management
 Department of Agriculture, Forestry & Fisheries
 Tel: 012 - 319 7508
 Fax: 012 - 329 5938
 e-mail: AnnelizaC@nda.agric.za
 www.agis.agric.za

In addition, comments must be requested from Eskom (Mr Kevin Leask or Mr Ronald Marais (011) 8008111) regarding grid connectivity and capacity.

B. AGRICULTURE STUDY REQUIREMENTS

- Detailed soil assessment of the site in question, incorporating a radius of 50 m surrounding the site, on a scale of 1:10 000 or finer. The soil assessment should include the following:
 - Identification of the soil forms present on site
 - The size of the area where a particular soil form is found
 - GPS readings of soil survey points

- The depth of the soil at each survey point
 - Soil colour
 - Limiting factors
 - Clay content
 - Slope of the site
 - A detailed map indicating the locality of the soil forms within the specified area,
 - Size of the site
- Exact locality of the site
 - Current activities on the site, developments, buildings
 - Surrounding developments / land uses and activities in a radius of 500 m of the site
 - Access routes and the condition thereof
 - Current status of the land (including erosion, vegetation and a degradation assessment)
 - Possible land use options for the site
 - Water availability, source and quality (if available)
 - Detailed descriptions of why agriculture should or should not be the land use of choice
 - Impact of the change of land use on the surrounding area
 - A shape file containing the soil forms and relevant attribute data as depicted on the map



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DEA Reference: 14/12/16/3/3/2/588

Enquiries: Mmatlala Rabothata

Tel: 012 395 1768 **Fax:** 012 320 7539 **E-mail:** mrabothata@environment.gov.za

Mr Frank van der Kooy
Lidwala Consulting Engineers (Pty) Ltd
PO Box 32497
NORTHCLIFF
0135

Fax: 086 764 9166
Tel: 086 1543 9252

PER FACSIMILE / MAIL

Dear Mr Van Der Kooy

ACKNOWLEDGEMENT OF RECEIPT AND ACCEPTANCE OF AN AMENDED APPLICATION FOR ENVIRONMENTAL AUTHORISATION (SCOPING/EIA PROCESS) FOR THE PROPOSED 1 GW UPINGTON SOLAR PARK WITHIN //KHARA HAIS LOCAL MUNICIPALITY IN NORTHERN CAPE PROVINCE

The Department confirms having received the amended application form (amending the project listed activities having applied for) for environmental authorisation for the abovementioned project submitted by you on 13 February 2014. The Application is accepted.

Please note that the acknowledgement letter sent to you and dated 26 February 2014 must be ignored. The Department has erroneously considered your application as new and assigned (14/12/16/3/3/2/662) as a new reference number. This reference number 14/12/16/3/3/2/662 will be withdrawn from the Departmental system and the old reference number for this application (14/12/16/3/3/2/588) will remain the same and it should be quoted in all the correspondences.

In terms of regulation 67 of the EIA Regulations, 2010 this application will lapse if the applicant (or the EAP on behalf of the applicant) fails to comply with a requirement in terms of the Regulations for a period of six months after having submitted the application, unless the reasons for failure have been communicated to and accepted by this Department.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no activity may commence prior to an environmental authorisation being granted by the Department.

Yours sincerely



Mr Ishaam Abader

Deputy Director-General: Legal; Authorisations; Compliance and Enforcement

Department of Environmental Affairs:

Letter signed by: Ms Mmatlala Rabothata

Designation: Environmental Officer: Integrated Environmental Authorisations

Date: 04/03/2014

CC:	Mpho Mthembu	CEF (SOC) Ltd	Fax: 010 201 8216
	Ms L Pienaar	NC DENC	Fax: 053 831 3530
	CM Newman	//Khara Hais Local Municipality	Fax: N/A



DEPARTMENT OF
ENVIRONMENT AND NATURE CONSERVATION

ISEBE LEZENDALO
NOLONDOLOZO

LEFAPHA LA ,TIKOLOGO
LE TSHOMARELO YA TLHAGO

DEPARTEMENT VAN
OMGEWING EN NATUUR BEWARING

90 Long Street
Sasko Building
Private Bag X6102
KIMBERLEY
8300
90 Long Street
Sasko Building
Inqowa yeposi X6102
KIMBERLEY
8300

90 Long Street
Sasko Building
Kgetsanaposi X6102
KIMBERLEY
8300
Long Street 90
Privaatsak X6102
KIMBERLEY
8300

Tel: (053) 807 7430

Fax: (053) 831 3530

Enquiries :
Dipatlisilo : M Mathews
Navrae :
Imibuzo :
Reference :
Tshupelo :
Verwysing :
Isalathiso :

NC/NAT/ZFM///KHA/UP11/2014
(DEA REF: 14/12/16/3/3/588)

Date : 28th February 2014
Letlha :
Datum :
Umhla :

Frank van der Kooy
Lidwala Consulting Engineers (SA) (Pty) Ltd
P.O. Box 32497
Waverly
Pretoria
0135

086 764 9166

Dear Sir/Madam

APPLICATION FOR ENVIRONMENTAL AUTHORISATION: 1 GW UPINGTON SOLAR PARK, REMAINING EXTENT OF FARM 451, UPINGTON, //KHARA HAIS LOCAL MUNICIPALITY, ZF MGCAWU DISTRICT MUNICIPALITY, NORTHERN CAPE PROVINCE.

We confirm having received the Amendment to Application of the above mentioned application. The application has been assigned the reference numbers NC/NAT/ZFM/ //KHA/UP11/2014 (DEA REF: 14/12/16/3/3/588). Kindly quote this reference numbers in any future correspondence in respect of the application.

Please draw the applicant's attention to the fact that the activity may not commence prior to an environmental authorization being granted by the Department.

Kindly note that the responsible Environmental Officer for this project is Mr. T Mthombeni and can be contacted at this number (053) 631 0601.

Yours faithfully

AT Leburu:
EIA: Administration:

Cc: CEF (SOC) ltd
Mpho Mthembu
010 201 8216



MEETING MINUTES

Purpose of Meeting:	Authorities Site Visit
Venue:	Council Chamber, // Khara Hais Municipal Offices
Date:	02 April 2014
Time	09:00am to 13:00pm

Attendance Register			
Name	Company	Contact Numbers	Email
Attendees:			
Marinus Boon (MB)	Lidwala SA	0861 543 9252 074 761 2327	Mboon@lidwala.com
Yajna Maharaj (YM)	CEF	010 201 4700 083 783 9111	yajnam@cefgroup.co.za
Marvin Mathews (MM)	NDENC	054 338 4800 079 507 3834	mmathews@ncpg.gov.za
Frikkie Ruppung (FR)	ZFM DM	054 337 2800 071 972 1122	fpr@zfm-dm.gov.za
Amogelang Sefara (AS)	DEA Local Government Support	054 337 2800 061 484 9928	asefara@environment.gov.za
Khotjo Sekwaila (KS)	DWA	054 338 5800	sekwailak@dwa.gov.za
Anga Japhi (AJ)	NDENC	054 338 5800	ayaphi@ncpg.gov.za
J.E Kock (JK)	//Khara Hais Municipality	054 338 7053	civilsec@kharahais.gov.za
J. Greef (JG)	//Khara Hais Municipality (KHM)	054 338 7080 074 940 616	
S. Silwer (SS)	//Khara Hais Municipality	054 338 7014 078 704 7887	admin@kharahais.gov.za
Mohammed Essop (ME)	DEA	012 395 1734	messop@environment.gov.za
Pheladi Masipa (PM)	DoE	012 406 7650 079 039 5527	pheladimasipa@gmail.com

Item	Actions	Action by whom
	INTRODUCTION/ WELCOME	
1 & 2	MB opened the meeting and welcomed everyone present. MB also introduced everyone and indicated the departments represented by the attendees.	MB (Lidwala)
3 & 4	Presentation and Process to date	
	MB delivered a presentation on the background of the project and gave reasons for the proposed Solar Park. MB gave the stakeholders the project's progress to date and the way forward. MB also	MB




	highlighted in his presentation the main outcomes of the scoping specialist studies.	
5	Discussion	All
5.1	<ul style="list-style-type: none"> • ME mentioned the list of DEA projects in the area and the Northern Cape that will advise the cumulative impact of Solar Developments in the area. • The lifespan of these facilities is far more than 20 years. • The clearing of the site may not necessary be required for photovoltaic (PV) but for Central Receiver (CR) and Parabolic Trough (PT) – due to slope requirements etc. For example companies like Mainstream have employed this technique. The advantage of this is that less water is needed for the cleaning of the PV panels due to reduction of dust due to intact vegetation. 	ME (DEA)
5.2	<ul style="list-style-type: none"> • MB highlighted the information as indicated in the presentation again with regards to the pans on the site that will still need to be verified in terms of sensitivity by the ecologist. • MB also highlighted the information as indicated in the presentation again with regards to total volume of water required as determined by the feasibility study for operation (3030kl/day). This volume is determined as the worst case scenario if CSP is employed across the entire site. • Planned wash-down water reclamation system to recycle 50% of the water. • Three models (layout alternatives) have been investigated by the feasibility study. 	MB
5.3	<p>ME indicated to the stakeholders to take note of the following points:</p> <ol style="list-style-type: none"> 1. Possible Offset in terms of the amount of protected trees as indicated in the presentation and the scoping ecology study. 2. Will the model with 3 CR towers next to each other not shade the other towers? 3. When there is no locality alternative it is important, that in terms of Section 24 (b) of the NEMA, to provide a motivation why only different technologies and layouts is considered as 	ME (DEA)






	<p>alternatives</p> <p>4. In the EIA phase the level of detail is important in the assessment and it should be site specific per technology and why it is placed at that specific locality.</p> <p>5. Specialist reports compiled internally should be reviewed externally.</p>	
5.4	<ul style="list-style-type: none"> • The corridor proposed by the ecologist should be included in the alternatives. • In some of the current solar projects in the area local community is not reaping in terms of employment opportunities. • The Upington Solar Park project should focus on local employment and training. 	AS (DEA Local Government Support)
5.5	<ul style="list-style-type: none"> • Opportunities for the local community are important; there are a lot of local skills for example welders, artisans and fitters. • The municipality indicated that they have not received regular progress update on the project. • In most cases labour brokers do the employment. 	SS (KHM)
5.6	<p>YM replied</p> <ul style="list-style-type: none"> • Progress has been communicated to the municipality on a regular basis in the form of weekly progress reports as well as technical outputs of the Feasibility Study. CEF was informed of a change in management on the municipal side and the final Feasibility Study (links) was sent through to the new members on the following email addresses: d.ngxanga@vodamail.co.za & alexanderr@vodamail.co.za • KH Municipality was invited to all management and PSC meetings. • The feasibility study has included an industrialisation and localisation stream. After cabinet decision on the feasibility the municipality should voice discuss the local employment concerns at that stage to the relevant authority taking the 	YM (CEF)




	Solar Park forward.	
5.7	<ul style="list-style-type: none"> • ME explained about the waste in terms of solar facility developments that technology used is closed systems (PV cells etc.) and that the operation does not produce hazardous waste. The waste from the CSP, Brine is released in oxidation ponds and after it is dried it is regarded as non-hazardous waste (potassium nitrate). • The operation of these facilities is more than a 20 year cycle and only when decommissioning will take place the waste may become a problem. • The Independent Power Producers (IPP) decides who they hire. The solar industry is still a new game and the IPP's use experienced skills according to their needs that already have the necessary skills in terms of the solar technologies. • In terms of manufacturing there is no facility in South Africa that manufactures components for the Solar Industry. 	ME (DEA)
5.8	<ul style="list-style-type: none"> • DWA asked who will be the applicant for the WULA? 	KS (DWA)
5.9	<ul style="list-style-type: none"> • CEF (SOC) Ltd who is a state owned company who on behalf of the Department of Energy will be the applicant. • The most feasible option in terms of the water requirement is via a pipeline from Upington from the //Khara Hais Municipality WTP. The municipality is also a water service provider as indicated by DWA. 	MB
5.10	<ul style="list-style-type: none"> • DWA indicated the importance as part of the WULA requirements in terms of Section 27 in the NWA to consider the impact on the community. This is also important in terms of the motivation for possible employment for the local community. 	KS (DWA)
5.11	<ul style="list-style-type: none"> • AS stressed that local does not refer to the Northern Cape Province but to the Local Municipality. • AS mentioned: In the past there have been projects where EIA's has been done and the municipalities have been made responsible for the waste management services that they don't have the capacity for. 	AS (DEA Local Government Support)

5.11	<ul style="list-style-type: none"> A Solar Park Management Authority will be established as indicated in the feasibility study that will manage the Solar Park and all the IPPs. 	MB
5.12	<ul style="list-style-type: none"> The water supply requirement was discussed. The municipality indicated that they have the necessary capacity at their Water Treatment Works (WTW). The upgrading of the current water pipeline which runs in the road servitude of the N14 will be the ideal connection. 	JK (KHM)
6	Site Visit	All
	All attendees attended the authority site inspection on the remaining extent of Farm Klipkraal 451, within the jurisdiction of the //Khara Hais Local Municipality.	
7	Conclusion	
7.1	The authority site visit was concluded. MB indicated that the attendance register, a copy of the presentation and minutes of the meeting will be distributed to all attendees.	MB

AUTHORITIES SITE VISIT 2nd of April 2014: ATTENDANCE REGISTER

NAME & SURNAME	AFFILIATION & ORGANISATION	POSTAL ADDRESS	CONTACT DETAILS	SIGNATURE
Muhammad Essop	DEA ASSISTANT DIRECTOR: RENEWABLE ENERGY		TEL.: 012 395 1734 FAX: 012 MOBILE: 076 924 2494 E-MAIL: M.Essop@environment.gov.za	
Morin Madlens	DENC		TEL.: 054 3384800 FAX: MOBILE: 079 507 3836 E-MAIL: M.Madlens@ncpp.gov.za	
Frikkie Ruppung	ZFM District Mm	P/Bag x6039 Upington 8800	TEL.: 054-3372800 FAX: 054-3372888 MOBILE: 071 972 1122 E-MAIL: fpr@zfm-dm.gov.za	
Amogelang SEFARA	DEA LOCAL GOVERNMENT SUPPORT	65 Schroder STR UPINGTON 8800	TEL.: 054 337 2800 FAX: 054 337 2888 MOBILE: 061 484 9928 E-MAIL: asefara@environment.gov.za	

NAME & SURNAME	AFFILIATION & ORGANISATION	POSTAL ADDRESS	CONTACT DETAILS	SIGNATURE
Khutjo Sekwaila	DWA	P/Bag x5912 Upington 8800	TEL.: 054 338 5800 FAX: MOBILE: E-MAIL: Sekwailak@chwagovr.za	
Anga Jarni	DENL	P.O. Box 231 UPINGTON 8800	TEL.: 054 338 5800 FAX: MOBILE: E-MAIL: ayaphi@ncpg.gov.za	
Yojna Maharaj	CEF / CCI	Ann Crescent, Sandton Johannesburg	TEL.: 083 783 9111 FAX: MOBILE: E-MAIL: yojname@cefgroup.co.za	
JHELADI MASIBA	DOF	U'Sagie and Jaul Bright, JHELANA	TEL.: 012 406 7650 FAX: MOBILE: 079039 5527 E-MAIL: Jheladimasiba@gmail.com	
S.F. Koek	IKkharabais Mun Civ Eng Services	Civic Senter 1 Market St Upington	TEL.: 054-338 7053 FAX: 054-338 7373 MOBILE: 073 941 2228 E-MAIL: civilsa@kharabais.gov.za	

NAME & SURNAME	AFFILIATION & ORGANISATION	POSTAL ADDRESS	CONTACT DETAILS	SIGNATURE
T. GIBBEFF.	// KHAGA HAIS	P/BAG	TEL.: 054-338-7080 FAX: MOBILE: 074 940 616. E-MAIL:	
S SILWAL	"	PRIVATE BAG X 6003	TEL.: (054) 338 7014 FAX: (054) 338 7350 MOBILE: 078 704 7887 E-MAIL: admin@khagahais.gov.zw	
Marius Boun	Lidwala	1124 Highway Street Waverley 0186	TEL.: 0861 543 9252 FAX: MOBILE: 074 7612327 E-MAIL:	
			TEL.: FAX: MOBILE: E-MAIL:	
			TEL.: FAX: MOBILE: E-MAIL:	