



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

### APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	12/12/20/
NEAS Reference Number:	DEAT/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

### PROJECT TITLE

**Proposed Photovoltaic (Solar) Energy Plant (referred to as Badenhorst PV2) on Badenhorst Dam Farm near De Aar, Northern Cape**

#### Kindly note that:

1. This application form is current as of 2 August 2010. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
3. Where applicable **black out** the boxes that are not applicable in the form.
4. Incomplete applications may be returned to the applicant for revision.
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and regulations.
7. No faxed or e-mailed applications will be accepted.
8. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.
9. 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 must also be submitted.

Queries must be addressed to the contact hereunder:

**Departmental Details**

**Postal address:**

Department of Environmental Affairs  
Attention: Director: Environmental Impact Evaluation  
Private Bag X447  
Pretoria  
0001

**Physical address:**

Department of Environmental Affairs  
Fedsure Forum Building (corner of Pretorius and Van der Walt Streets)  
2<sup>nd</sup> Floor North Tower  
315 Pretorius Street  
Pretoria  
0002

Queries should be directed to the Directorate: Environmental Impact Evaluation at:

Tel: 012-310-3268  
Fax: 012-320-7539

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

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

## SITE IDENTIFICATION AND LINKAGE

Please indicate all the Surveyor-general 21 digit site (erf/farm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

Badenhorst Dam Farm 180																				
C	0	5	7	0	0	0	0	0	0	0	0	0	1	8	0	0	0	0	0	1

(if there are more that 6, please attach a list with the rest of the numbers)

(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

## PROJECT TITLE

**Proposed Photovoltaic (Solar) Energy Plant (referred to as Badenhorst PV2) on Badenhorst Dam Farm near De Aar, Northern Cape**

### 1. BACKGROUND INFORMATION

Project applicant:	Mulilo Renewable Energy (Pty) Ltd		
Trading name (if any):			
Contact person:	Warren Morse		
Physical address:	Office 301 Execujet Business Centre, Tower Road, Cape Town International		
Postal address:	PO Box 50, Cape Town International Airport		
Postal code:	7525	Cell:	083 760 9586
Telephone:	021 934 5278	Fax:	021 935 0505
E-mail:	<a href="mailto:warren@mulilo.com">warren@mulilo.com</a>		

Provincial Authority:	Northern Cape Department of Environmental Affairs and Nature Conservation		
Contact person:	Ms Anga Yaphi		
Postal address:	Private Bag X6102, Kimberley		
Postal code:	8300	Cell:	079 695 0267
Telephone:	054 332 2885	Fax:	054 331 1155
E-mail:	<a href="mailto:ayaphi@upprov.ncape.gov.za">ayaphi@upprov.ncape.gov.za</a>		

Landowner:	De Aar Stone Crushers Ltd, Farm 180 Portion 1 ( <b>Please see Annexure C</b> )		
Contact person:			
Postal address:	P.O Box 340, De Aar		
Postal code:	7000	Cell:	082 259 6096
Telephone:	053 631 0046	Fax:	
E-mail:			

In instances where there is more than one landowner, please attach a list of landowners with their contact details to this application.

Local authority in whose jurisdiction the proposed activity will fall:	Emthanjeni Local Municipality		
Nearest town or districts:	De Aar, Northern Cape.		
Contact person:	Mev. C. Klopers		
Postal address:	45 Voortrekker street		
Postal code:	7000	Cell:	
Telephone:	053 632 9100	Fax:	053 631 0105
E-mail:	<a href="mailto:deaar@emthanjeni.co.za">deaar@emthanjeni.co.za</a>		

## 2. ACTIVITIES APPLIED FOR TO BE AUTHORISED

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

Indicate the number and date of the relevant notice:	Activity No (s) (in terms of the relevant notice) :	Describe each listed activity as per project description <sup>1</sup> :
544, 2 August 2010	9	In order to transport water from the Municipal supply system to the proposed PV facility at Badenhorst Dam, a pipeline may be constructed.
544, 2 August 2010	10	A 132kV overhead distribution line would be required to connect the PV facility to the onsite-substation. The 132kV distribution line would be approximately 2km long.
544, 2 August 2010	11 (x and xi)	Buildings and structures exceeding 50 m <sup>2</sup> are being proposed for Badenhorst Dam farm and it is possible that these might be within 32 meters of small tributaries.
545, 2 August 2010	1	The proposed solar (PV) facilities would each have a generation capacity of 75MW; as such this activity is triggered.
546, 2 August 2010	10	Dangerous goods might be stored and handled on site from time to time within 100m of a watercourse.
546, 2 August 2010	14	This activity may or may not be triggered depending on the extent of the indigenous vegetation. This will be confirmed by the botanical assessment.
546, 2 August 2010	16	It is assumed that buildings and infrastructure, exceeding 10m <sup>2</sup> would be constructed on the project site. Depending on the location of the respective buildings, this activity may be triggered.

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

2.2 A project schedule, indicating the different phases and timelines of the project, must be attached to this application form (**Please see Annexure A**).

<sup>1</sup> Please note that this description should not be a verbatim repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description

### 3. OTHER AUTHORISATIONS REQUIRED

#### 3.1 DO YOU NEED ANY AUTHORISATIONS IN TERMS OF ANY OF THE FOLLOWING LAWS?

3.1.1 National Environmental Management: Waste Act	No
3.1.2 National Environmental Management: Air Quality Act	No
3.1.3 National Environmental Management: Protected Areas Act	No
3.1.4 National Environmental Management: Biodiversity Act	No
3.1.5 National Environmental Management: Integrated Coastal Management Act <sup>2</sup>	No
3.1.6 National Water Act	Yes
3.1.7 National Heritage Resources Act	Yes
3.1.8 Mineral Petroleum Development Resources Act	No
3.1.9 Other (please specify)	No
3.2 Have such applications been lodged already?	No

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<sup>2</sup> Where an environmental authorization in terms of chapter 5 of the National Environmental Management Act is required for coastal activities, the competent authority must take into account all the relevant factors including those listed in section 63(1) of the National Environmental Management: Integrated Coastal Management Act.

#### 4. DECLARATIONS

##### 4.1 The Applicant

I, **Warren Morse of Mulilo Renewable Energy (PTY) Ltd**, declare that I –

- am, or represent<sup>3</sup>, the applicant in this application;
- have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application /
- will obtain exemption from the requirement to obtain an environmental assessment practitioner<sup>4</sup>;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment

Regulations, 2010, including but not limited to –

- costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
- costs incurred in respect of the undertaking of any process required in terms of the Regulations;
- costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
- costs in respect of specialist reviews, if the competent authority decides to recover costs; and
- the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;

will ensure that the environmental assessment practitioner is competent to comply with the requirements of these Regulations and will take reasonable steps to verify whether the EAP complies with the Regulations;

will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;

am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;

hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;

will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;

will perform all other obligations as expected from an applicant in terms of the Regulations;

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<sup>3</sup> If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached (**Please see Annexure B**).

<sup>4</sup> If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.



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

**Mulilo Renewable Energy (Pty) Ltd**

Name of company (if applicable):

07.03.13

Date:

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





## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA


### DETAILS OF EAP AND DECLARATION OF INTEREST

	(For official use only)
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### PROJECT TITLE

**Proposed Photovoltaic (Solar) Energy Plant (referred to as Badenhorst PV2) on Badenhorst Dam Farm near De Aar, Northern Cape**

Environmental Assessment Practitioner (EAP): <sup>1</sup>	Aurecon South Africa (Pty) Ltd		
Contact person:	Miss Karen Versfeld		
Postal address:	PO Box 494, Cape Town		
Postal code:	8000	Cell:	084 454 9944
Telephone:	021 526 5737	Fax:	021 526 9500
E-mail:	<a href="mailto:karen.versfeld@aurecongroup.com">karen.versfeld@aurecongroup.com</a>		
Professional affiliation(s) (if any)	Miss Versfeld is registered as a Candidate Natural Scientist with SACNASP.		
Project Consultant:	N/A		
Contact person:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

#### 4.2 The Environmental Assessment Practitioner

I, Karen Versfeld of Aurecon South Africa (Pty) Ltd, declare that –

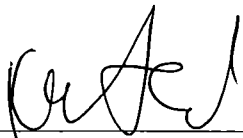
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General declaration:

- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

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

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2010;



Signature of the environmental assessment practitioner:

**Aurecon South Africa (Pty) Ltd**

Name of company:

07/03/2013

Date:

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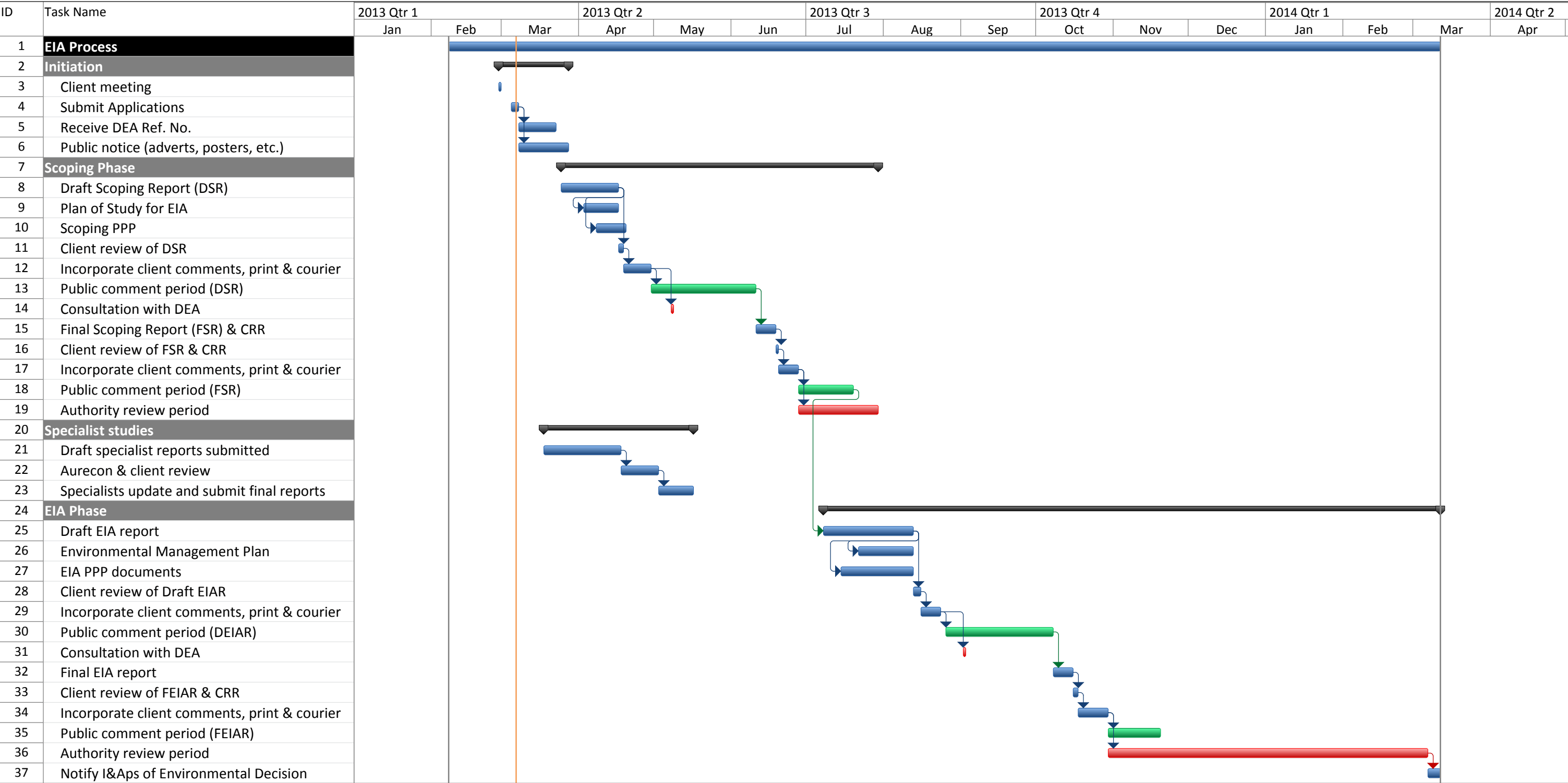
# **ANNEXURE A**

## **Project Programme**

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FOUR ENVIRONMENTAL IMPACT ASSESSMENTS FOR THE EXPANSION OF APPROVED PHOTOVOLTAIC FACILITIES NEAR DE AAR AND PRIESKA, NORTHERN CAPE

7 MARCH 2013



Project: 4 EIAs Near De Aar & Prie  
Date: Thu 13/03/07

Task

Split

Milestone

Summary

Project Summary

External Tasks

External Milestone

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

Deadline

Progress

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## **ANNEXURE B**

### **Letter from Applicant Regarding Signing Rights**

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## Mulilo Renewable Energy (Pty )Ltd

**PHYSICAL ADDRESS**

Office 301  
Execujet Business Centre  
Tower Road  
Cape Town International Airport  
7525 South Africa

Telephone: +27 (0) 21 934 5268  
Facsimile: +27 (0) 21 935 0505 / 0866356809  
Email : [chris@capedeep.com](mailto:chris@capedeep.com)

**POSTAL ADDRESS**

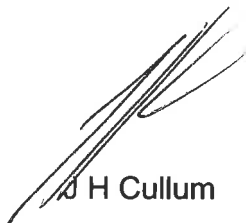
P O Box 50  
Cape Town International Airports  
7525 South Africa

4<sup>th</sup> March 2013

### RESOLUTION

Further to a meeting of the board of Mulilo Renewable Energy (Pty) Ltd, held at Cape Town on 4<sup>th</sup> March 2013, it has been agreed that Warren Morse has the authority to sign the Application Forms for Environmental Authorisation.

Signed at Cape Town on 4<sup>th</sup> March 2013



J H Cullum

Director



C Aberdeen

Director

Directors: CD Aberdeen, J Coetsee, D J Crombie, J H Cullum

Mulilo Renewable Energy (Pty) Ltd Registration number: 2008 / 010114 / 07

PO Box 50 Cape Town International Airport Cape Town 7525 South Africa

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# **ANNEXURE C**

## **Landowner Consent**

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SOLAR & WIND

AWS/vw/lease : 08/04/09

## MEMORANDUM VAN HUUROOREENKOMS

aangegaan en gesluit tussen

De Aar Stone Crushers Bk

Bk 1998/012 728/23  
(Registrasienommer: )

W/L  
Z  
C.L.

(die 'VERHUURDER')

en

MULILO RENEWABLE ENERGY (EDMS) BPK

(Registrasienommer: 2008/010114/07)

(die 'HUURDER')

W/L  
Z  
C.L.

## 1. INTERPRETASIE

In hierdie Huurooreenkoms, tensy die konteks tot die teendeel aandui:

1.1 beteken die VERHUURDER:

De Aar Stone Crushers Bk

1.2 beteken die HUURDER Mulilo Renewable Energy (Edms) Bpk Ltd, Registrasienommer: 2008/010114/07, verteenwoordig deur Johannes Coetsee, wie behoorlik gemagtig is om as sodanig op te tree, van p/a Keeromstraat 68, Kaapstad, 8001;

1.3 beteken die HUURPERSEEL die plaas beskryf as,

Philipsdown Rd De Aar 180 Portion 1

gehou onder titelakte T.589.64.1.1983, en met oppervlakte van 2563,8824 ha, maar uitgesluit alle geboue, plaasgereedskap en -implemente, voorraad, voertuie en waterbronne, onderhewig aan die bepalings van klousule 6 hieronder en ook uitgesluit alle gedeeltes wat nie deur die HUURDER gebruik word vir wind- en sonkragopwekking doeleindes nie;

1.4 beteken die AANVANGSDATUM die datum van ondertekening van hierdie Huurooreenkoms deur die party daartoe wat dit laaste onderteken;

1.5 beteken die OKKUPASIEDATUM die Aanvangsdatum;

1.6 beteken die AKTIVERINGSDATUM die eerste datum wat 'n turbine krag aan Eskom of 'n ander kommersiële gebruiker lewer, soos voorsiening voor gemaak word in klousule 5.4 hieronder.

*[Handwritten signatures and initials]*