



ARCUS

**VOLUME I: APPENDIX C
PUBLIC PARTICIPATION REPORT**

**PROPOSED MULILO TOTAL HYDRA STORAGE PROJECT:
GRID INTERCONNECTION AND ASSOCIATED
INFRASTRUCTURE, NEAR DE AAR IN THE NORTHERN
CAPE PROVINCE**

On behalf of

MULILO TOTAL HYDRA STORAGE (PTY) LTD

MARCH 2021



Prepared By:

Arcus Consultancy Services South Africa (Pty) Limited

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Registered in South Africa No. 2015/416206/07

PROJECT DETAILS

DEFF Reference Number:	To be allocated upon submission	
Arcus Reference No:	4194 Mulilo Total Hydra Storage Project- Grid Interconnection	
Title:	Basic Assessment Report for the Proposed Mulilo Total Hydra Storage Project-Grid Interconnection and associated infrastructure near De Aar in the Northern Cape Province	
EAP:	Ashleigh von der Heyden	Arcus Consultancy Services South Africa (Pty) Ltd
Report Authorisation:	Ashlin Bodasing	Arcus Consultancy Services South Africa (Pty) Ltd
Project Team:	Dr Owen Davies	Arcus Consultancy Services South Africa (Pty) Ltd
	Jamie Pote	Independent
	Jon Smallie	WildSkies (Pty) Ltd
	Dr Brian Colloty	Enviro Sci. (Pty) Ltd
	John Gribble	ACO Associates (Pty) Ltd
	Johann Lanz	Independent Consultant
Project Applicant:	Mulilo Total Hydra Storage (Pty) Ltd	
Report Status:	Basic Assessment Report – Draft for Public Comment	

PUBLIC PARTICIPATION LOCATION DETAILS

This report is available for public review and comment for a period of more than 30 days from 31 March 2021 to 03 May 2021, taking into consideration Chapter 2 Regulation 3 (1); (2) and (3) of the National Environmental Management Act, 1998 (Act No. 107 of 1998), at the following locations:

- www.arcusconsulting.co.za; and
- By appointment only and during business hours 09h00 – 16h00):

Address: 19 Van der Merwe Street, DE AAR, 7000

Contact Person: Beverley Horak

Contact Number: 083 793 9254

All comments to be submitted to the EAP no later than 03 May 2021.

1 PROJECT BACKGROUND

Mulilo Total Hydra Storage (Pty) Ltd ('MTHS') is applying for environmental authorisation for a self-build grid interconnection project which will consist of a short overhead powerline, switching station and access road ('proposed development') as part of the Mulilo Total Hydra Storage Project.

The Mulilo Total Hydra Storage Project is a hybrid electricity generation plant comprising of solar photovoltaic (PV) technology, a battery energy storage system (BESS) and emergency backup Diesel / Gas generator installations (Gensets). The Mulilo Total Hydra Storage Project was bid in the Risk Mitigation Independent Power Producers Procurement Program (RMI4P), and if selected as a preferred bidder, the project would obtain SIP status. The Mulilo Total Hydra Storage Project is located 5km South East of De Aar in the Northern Cape and roughly 8km north of the Eskom Main Transmission Substation (MTS), Hydra.

In terms of the Self-Build agreement for the proposed development, Eskom has provided an indicative Cost Estimate Letter to connect MTHS to the national electricity network (Grid). All environmental approvals for MTHS are in place however the Grid connection works had to be adjusted and a separate Environmental Authorisation is required to be issued for all the infrastructure which is handed over to Eskom on completion.

The following Self-Build works are proposed as part of this Environmental Application.

- A 132kV, 6 x bay switching station is required adjacent to Mulilo Total Hydra Storage Project substation.
- A 6 km long, 12m wide access road is required from the N10 across the De Aar 1/180 farmstead, to the 6 x bay switching station.
- An overhead powerline (OHPL) is needed to evacuate electricity generated from Mulilo Total Hydra Storage Project and is to be approximately 8 km in length, with a capacity of up to 132 kV. The proposed OHPL follows the existing 132 kV Hydra Bushbuck (Solar Capital) OHPL for the most part and will run in a south easterly direction to the Eskom Hydra Main Transmission Substation (MTS).
- A single track service road will be required for the construction and maintenance of the OHPL and would run directly below the OPHL.
- A 132kV Feeder Bay and Busbar extension is required at Hydra Substation.

2 THE PUBLIC PARTICIPATION PROCESS

The sharing of information forms the basis of a Public Participation Process (PPP), with an aim to encourage the public to have meaningful input into the decision-making process - from the project initiation until the final report(s) is submitted to the Competent Authority (CA) for a decision. The primary aims of the public participation process are:

- To identify issues, comments and concerns as raised by I&APs;
- To promote transparency and an understanding of the project and its potential consequences;
- To facilitate open dialogue and liaise with all I&APs;
- To assist in identifying potential environmental (biophysical and socio-economic) impacts associated with the proposed development; and
- To ensure that all I&AP issues and comments are accurately recorded, addressed and documented in a Comments & Response Report.

This Public Participation Report has been compiled as Appendix C to the Basic Assessment Report. The PPP report complies with a Public Participation (PP) Plan in accordance with Government Notice 43412 on 5 June 2020. This PP Plan was submitted to the CA on 24 August 2020 and will support of the above application for Environmental Authorisation.

This report has been updated to include all comments received up until submission of the application

3 METHODOLOGY

The Public Participation Process (PPP) follows the requirements of Section 24 (5) and Chapter 6 (41, 42, 43, and 44) of GN R. 326 of the National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA) Environmental Impact Assessment (EIA) Regulations, 2014 (as amended), as well as the Public Participation Guidelines in terms of NEMA, 1998 EIA Regulations, 2014.

3.1 Initial Notification Phase:

Notification during the initial notification period of the PPP has been undertaken in the following manner:

- The latest I&AP database of the authorised DA2S WEF, Bardenhorst Solar PV, Mulilo De Aar PV and the DA2S WEF Grid Connection was used as the baseline for the pre-identified key I&APs. This database is extensive and has been compiled and revised over a number of years since 2011, and most recently updated and revised as part of an amendment process for the DA2S WEF in 2020 (Appendix C1).

This database will be updated throughout the duration of the basic assessment process and anyone with an interest in the proposed development is encouraged to register.

- A2 Correx board notices have been placed on the boundary of the site at 30°42'36"S; 24°05'06"E; and 30°42'30"S; 24°05'23"E and 30°41'39"S; 24°03'25"E and 30°42'30"S; 24°05'23"E in English and Afrikaans. Notices were available from 05 March 2021 (see Appendix C2).
- A4 posters have been placed at four local public gathering places in English and Afrikaans in De Aar. Posters were available from 05 March 2021 (see Appendix C2).
- Initial notification e-mails were distributed on 11 March 2021 to all pre-identified key I&APs including landowners, surrounding landowners, government organisations, NGOs, relevant municipalities, ward councillors and other organisations that might be affected. The notification informed all I&APs of the intention of the applicant to apply for Environmental Authorisations for the proposed development (Appendix C3). This included project notification infographic, a Background Information Document (BID).
- Proof of submission of the initial notices is contained in Appendix C4.
- A Newspaper Advertisement was placed in the Echo newspaper (in English and Afrikaans) on the 05 March 2021 (Appendix C5) informing all I&APs of the Applicants intention to submit the Environmental Authorisation

The notices and notifications also afforded all pre-identified I&APs the opportunity to submit their issues/queries/concerns, and indicate the contact details of any other potential I&APs that should be contacted and registered. The contact person at Arcus, contact number, email and fax details will be clearly stated on the notifications

3.2 The Basic Assessment Phase:

Notifications regarding the availability of the Draft BA Reports for Public Review and Comment will be provided in the following manner:

- Written Notification (English and / or Afrikaans) will be sent to all I&APs (pre-identified key I&APs, I&APs registered during the initial period, as well as affected landowners, surrounding landowners and their occupiers) via e-mail and post (registered mail). If mobile phone numbers are available, SMS notifications will be sent to I&APs and / or land occupiers who does not have a postal or email addresses.
- If written notification cannot be sent to an I&AP, notification will be provided telephonically.

The written / telephonic notification will advise I&APs of the following:

- How and where they can access the Draft BA Report (as detailed in section 3.3 below);
- The safety measures to consider when accessing the hard copy of the Draft BA Reports (due to the National COVID-19 Pandemic), such as the precautions to be taken for handling of the document (sanitising / handwashing / wearing of gloves); and
- It will afford all I&APs the opportunity to submit their issues/queries/concerns/suggestions regarding the proposed development and content of the Draft BA Report.

3.3 Availability of Draft Basic Assessment Report for Public Review

3.3.1 Hard Copy Report Access

A hard copy of the report has been made available at the Mulilo Site Offices in the town of De Aar. **These reports are for review by appointment only between 09H00 and 16H00 from Monday to Friday.** For detail on how and where to review these reports, please see the details contained in the table below.

A note will be placed on the hard copy reports regarding the COVID-19 safety measures and / or precautions to be taken for handling of the document (sanitizing / handwashing etc.).

3.3.2 Electronic Copy Report Access

Ten (10) CD copies will be left at the Mulilo Site Office in the town of De Aar for those who do not want to review a Hard Copy report. Additionally, the Draft BA Reports will also be placed online, on the Arcus website: <https://arcusconsulting.co.za/projects>

Location	Physical Address	Contact person
Hard Copy Location Options		
Mulilo Site Office	19 Van der Merwe Street, De Aar, 7000	Beverley Horak 083 793 9254
Electronic Copy Location		
Arcus Website	https://arcusconsulting.co.za/projects/	Ashleigh Blackwell 021 412 1529
Comment Submission		
<p>Written comments can be submitted to: Arcus Consultancy Services South Africa (Pty) Ltd Office 607 Cube Workspace Icon Building Cnr Long Street and Hans Strijdom Avenue Cape Town 8001 T +27 (0) 21 412 1529 E deaar@arcusconsulting.co.za</p>		

All comments received from I&APs on the Draft BA Reports will be recorded and responded to in the Comments and Responses Report which will be submitted to the DEFF for consideration as part of the Final BA Report

4 COMMENTS AND RESPONSES TRAIL

The below comments and responses table will be updated throughout the duration of the basic assessment process. This table has comments collated by thread and not by date.

Table 4.1: Comments and Responses Table

Ref	Name and Organisation	Date and Method	Phase of PPP	Comment	Response
1	Natasha Higgitt SAHRA	12 March 2021 E-mail	Initial Phase	<p>From: Natasha Higgitt Sent: Friday, 12 March 2021 08:24 AM To: De Aar Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Please note that all development applications are processed via our online portal, the South African Heritage Resources Information System (SAHRIS) found at the following link: http://sahra.org.za/sahris/. We do not accept emailed, posted, hardcopy, faxed, website links or DropBox links as official submissions.</p> <p>Please create an application on SAHRIS and upload all documents pertaining to the Environmental Authorisation Application Process. As per section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA), an assessment of heritage resources must form part of the process and the assessment must comply with section 38(3) of the NHRA.</p> <p>Once all documents including all appendices are uploaded to the case application, please ensure that the status of the case is changed from DRAFT to SUBMITTED. Please ensure that all documents produced as part of the EA process are submitted as part of the application</p>	<p>From: De Aar Sent: Friday, 16 March 2021 07:55 AM To: Natasha Higgitt Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Dear Natasha,</p> <p>Thank you for your email. This is noted.</p> <p>Ashleigh von der Heyden</p>

2	<p>John Geeringh</p> <p>Eskom Transmission Division</p>	<p>15 March 2021</p> <p>E-mail</p>	<p>Initial Phase</p>	<p>From: John Geeringh Sent: Monday, 15 March 2021 09:34 To: De Aar Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Please send me a KMZ file that shows the proposed infrastructure. Please find attached Eskom general requirements for works at or near Eskom infrastructure and servitudes.</p> <p>Kind Regards</p>	<p>From: De Aar Sent: Tuesday, 16 March 2021 08:00 To: John Geeringh Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Dear John,</p> <p>Please see attached as per your request.</p> <p>Kind Regards</p>
3	<p>Aulicia Maifo</p> <p>DEFF Directorate: Biodiversity Conservation</p>	<p>15 March 2021</p> <p>E-mail</p>	<p>Initial Phase</p>	<p>From: Aulicia Maifo Sent: Monday, 15 March 2021 09:58 To: De Aar Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Good morning Sir/Madam</p> <p>Hope you are well.</p> <p>DEFF Directorate: Biodiversity Conservation hereby acknowledge receipt of the invitation to review and comment on the Draft Basic Assessment Report for the Proposed Mulilo Total Hydra Storage Project. Kindly note that the project has been allocated to the officers, Ms. Mmatlala Rabothata and Ms. Tsholofelo Sekonko (both copied on this email).</p> <p>Please note that all Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries must be submitted to the Directorate: Biodiversity Conservation at Email: BCAdmin@environment.gov.za for attention of Mr Seoka Lekota</p>	<p>From: De Aar Sent: Tuesday, 16 March 2021 08:05 To: Aulicia Maifo Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Good Morning,</p> <p>Thank you for your email. Your instruction is noted and will be duly followed.</p> <p>Kind Regards</p>

4	Sidney Lewis Property Technician: Transnet Property	16 March 2021 E-mail	Initial Phase	<p>From: Sidney Lewis Sent: Tuesday, 16 March 2021 09:25 To: De Aar Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Hi Ashleigh</p> <p>I am currently preparing comment for your application for the Mulilo Total Hydra Storage Project. It would be of great assistance if you could kindly forward to me a georeferenced copy of the Cad drawing of this project, Ref No. 4194-REP-001. This would help us reference your work to make the necessary comments</p>	<p>From: De Aar Sent: Wednesday, 24 March 2021 08:48 To: Sidney Lewis Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Good Morning Sidney,</p> <p>Thank you for your email.</p> <p>Unfortunately we do not have a geo-referenced CAD drawing for the powerline, Switching Station or Access Road.</p> <p>As an alternative, I have attached a KMZ with the project infrastructure. I trust this will be acceptable?</p> <p>Regards</p>
5	Chantelle Bruintjies Transnet Freight Rail	24 March 2021 E-mail	Initial Phase	<p>From: Chantelle Bruintjies Sent: Wednesday, 24 March 2021 13:28 To: De Aar Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Good day,</p> <p>We acknowledge your email below we have to send an formal wayleave application.</p> <p>Documents:</p> <ul style="list-style-type: none"> - CAD format - Pictures of the area and Kilometer points. - The area where work will take place - Method of the work 	<p>From: De Aar Sent: Wednesday, 31 March 2021 11:12 To: Chantelle Bruintjies Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Good Morning,</p> <p>Thank you for your email. Your instruction is noted and will be duly followed.</p> <p>Kind Regards</p>

APPENDIX C1: SITE NOTICE AND POSTER PLACEMENT PROOF

**KENNISGEWING VAN OMGEWINGSMAGTIGING PROSES:
VOORGESTELDE MULLO TOTAL HYDRA STORAGE PROJEK: NETWERKVERBINDING, DE AAR, NOORD-KAAP PROVINSIE**

Kennis word hiermee gegee dat 'n Proses van Opbare Deelname (PPP) ingevolge die Wet op Nasionale Omgewingsbestuur, 1998 (Wet Nr. 107 van 1998), soos gewysig, onderneem word.

DEFF Verwysingsnommer: Sal toegeken word by indiening van aansoek

Aard en ligging van aktiwiteit: Mullo Total Hydra Storage (Edms.) Bpk. doen aansoek vir omgewingsmagtiging vir 'n voorgestelde netwerkverbindingslyn (OHPL) as deel van die Mullo Total Hydra Storage Projek. Die projek is ongeveer 6 km suid-oos van De Aar dorp in die Emthanjeni Plaaslike Munisipaliteit van die Pixley ka Seme-distriksmunisipaliteit in die Noord-Kaap Provinsie geleë.

'n **Basiese Assessingsproses (BA-proses)** 'n Basiese assesseringsproses (BA) sal gevolg word vir die Mullo Total Hydra Storage Projek: Netwerkverbinding ('Voorgestelde Projek'). Die Voorgestelde Projek sal ongeveer 6 km lank wees, met 'n kapasiteit van tot 132 kV. Die netwerkverbinding sal in 'n suidoostelike rigting loop vanaf die goedgekeurde De Aar PV-perseel tot by die Eskom Hydra Substasie. Daarbenewens, moet 'n 132 kV, dubbele busbar skakelstasie gebou word op die Mullo Total Hydra Storage Projek-perseel. Hierdie toepassing sal ook 'n 12 m breed toegangspad vanaf die N10 tot by die skakelstasie en lansaam die OHPL-roete insluit.

NEMA Gelyste Aktiwiteite:

Lys van Kennisgewings	Aktiwiteite
LN 1 GN R327	11; 12; 14; 19; 24(i); 27(i); 28(i); 48 and 56.
LN 3 GN R324	4(q)(i); 10 (g)(i); 12(g)(i); 14(i)(a)(c)(g)(i)(b)(f); 18 (g)(bb)(ee) and 23(i)(a)(c)(g)(i).

'n Aansoek om 'n **Basiese Assessingsproses** vir die Voorgestelde Ontwikkeling sal by die bevoegde owerheid, die Departement van Omgewing Bosbou en Visserye (DEFF), ingedien word vir 'n besluit.

Indien u gereistreer wil word as 'n **Belanghebbende en Geaffekteerde Party (B&GP)**, stuur asseblief u naam, belang by die projek, e-posadres, posadres en telefoonnommer, aan die adres hieronder verskaf:

Arcus Consultancy Services South Africa (Edms.) Bpk.

Arcus - Verwysings : 4194 Mullo Total Hydra Storage Project: Grid Interconnection

E-pos : deaar@arcusconsulting.co.za

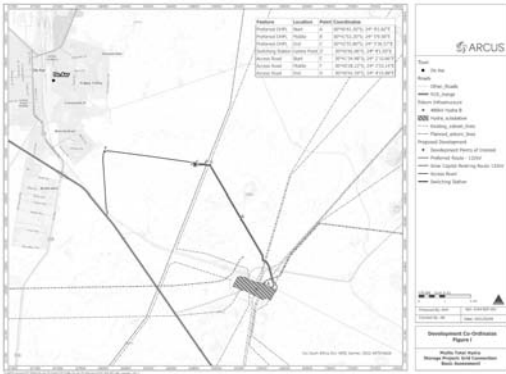
Pos Adres : Office 607 Cube Workspace, Icon Building, Cnr Long Street and Hans Strijdom Avenue, Cape Town, 8001

Telefoon : +27 21 412 1529

Persoon : Ashleigh von der Heyden

Kennisgewing van die indiening van die konsep- en finale verslae, en enige ander korrespondensie wat as deel van die proses van opbare deelname ingesluit moet word, sal aan alle gereistreerde B&GPe gestuur word. Hierdie verslae sal beskikbaar gestel word vir opbare oorweging en kommentaarlewing sodra dit ingedien is (die presiese datum van beskikbaarheid moet bevestig word in kennisgewing aan alle gereistreerde B&GPe) op die volgende plekke:

- Operational Longyuan Mullo De Aar 2 North WEF in the town of De Aar; en
- Webtuiste: www.arcusconsulting.co.za.



Vir die duur van die PPP vir die BA-proses sal slegs gereistreerde B&GPe korrespondensie ontvang. Registrasie sal gedurende die BA-proses moontlik wees.

**NOTIFICATION OF ENVIRONMENTAL AUTHORISATION PROCESS:
PROPOSED MULLO TOTAL HYDRA STORAGE PROJECT: GRID INTERCONNECTION, DE AAR, NORTHERN CAPE PROVINCE**

Notice is hereby given of a Public Participation Process (PPP) to be undertaken in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.

DEFF Reference Number: To Be Confirmed

Nature and Location of Activity: Mullo Total Hydra Storage (Pty) Ltd ('Mullo') is applying for environmental authorisation for a proposed grid connection overhead powerline (OHPL) as part of the Mullo Total Hydra Storage Project. The project is located approximately 6km south east of De Aar Town in the Emthanjeni Local Municipality of the Pixley ka Seme District Municipality of the Northern Cape Province.

A **Basic Assessment (BA) process** will be followed for the Mullo Total Hydra Storage Project: Grid Interconnection ('Proposed Project'). The Proposed Project will be approximately 6 km in length, with a capacity of up to 132kV. The grid interconnection will run in a south easterly direction from the approved De Aar PV site to the Eskom Hydra Substation. In addition, a 132 kV, double busbar switching station, is required to be constructed at the Mullo Total Hydra Storage Project site. This application will include a 12 m wide access road off the N10 to the switching station, and along the OHPL route.

NEMA Listed Activities:

Listed Notice	Activities
LN 1 GN R327	11; 12; 14; 19; 24(i); 27(i); 28(i); 48 and 56.
LN 3 GN R324	4(q)(i); 10 (g)(i); 12(g)(i); 14(i)(a)(c)(g)(i)(b)(f); 18 (g)(bb)(ee) and 23(i)(a)(c)(g)(i).

An application for the **Basic Assessment Processes** for the Proposed Development will be submitted to the competent authority, the Department of Environment Forestry and Fisheries, for a decision.

Should you wish to be registered as an **Interested and Affected Party (I&AP)**, please submit your name, interest in the project, email and postal address and telephone number in writing to the below address:

Arcus Consultancy Services South Africa (Pty) Ltd

Reference: 4194 Mullo Total Hydra Storage Project: Grid Interconnection

Email: deaar@arcusconsulting.co.za

Office 607 Cube Workspace,
Icon Building, Cnr Long Street and Hans Strijdom Avenue, Cape Town, 8001

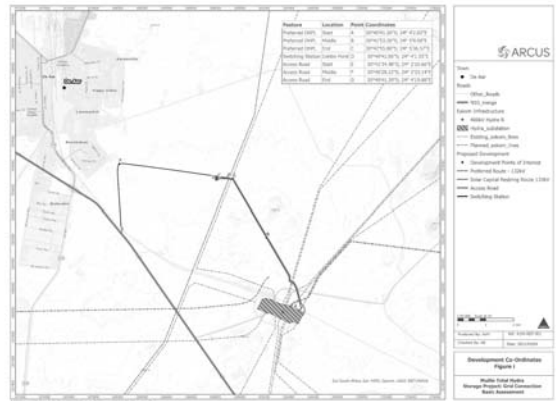
Post: Office 607 Cube Workspace, Icon Building, Cnr Long Street and Hans Strijdom Avenue, Cape Town, 8001

Telephone: +27 21 412 1529

Person Ashleigh von der Heyden

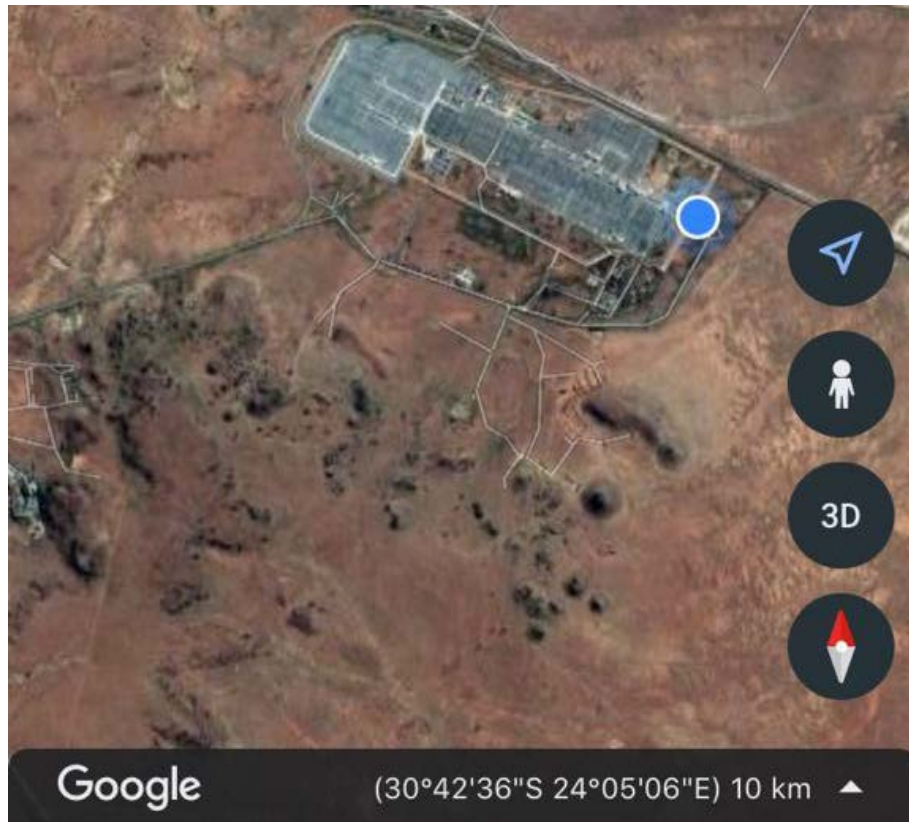
Notification of submission of the draft and final report, and any other correspondence required to be included as part of the Public Participation Process (PPP) will be sent to all registered I&APs. These reports will be made available for public review and comment once submitted (exact date of availability to be confirmed in notification to all registered I&APs) at the following locations:

- Operational Longyuan Mullo De Aar 2 North WEF in the town of De Aar; and
- Website: www.arcusconsulting.co.za

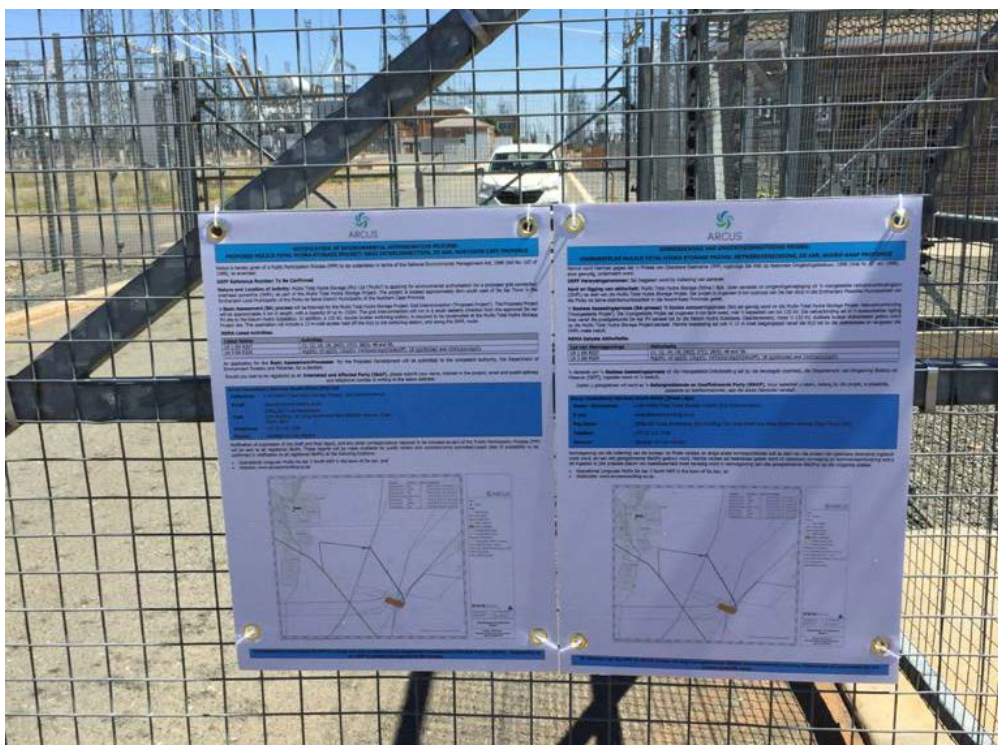


Correspondence throughout the PPP for the BA will only be distributed to Registered Interested and Affected Parties (I&APs). Registration as an I&AP is possible throughout the BA Process.

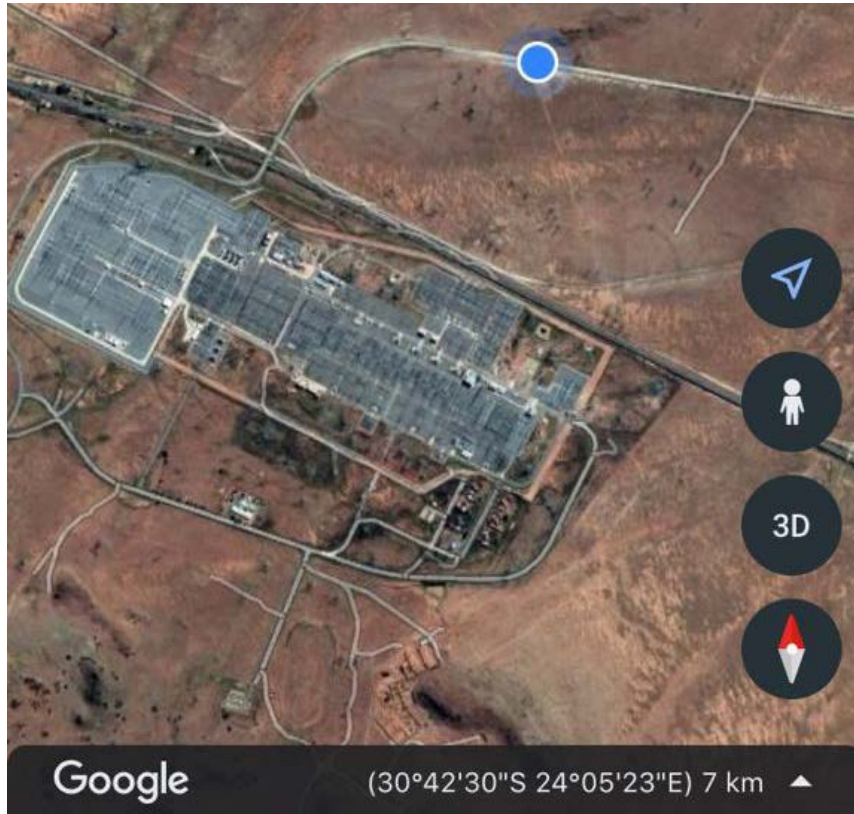
**SITE NOTICE PLACEMENT PROOF: MULILO TOTAL HYDRA STORAGE PROJECT:
 GRID INTERCONNECTION**



Site Notice A Location



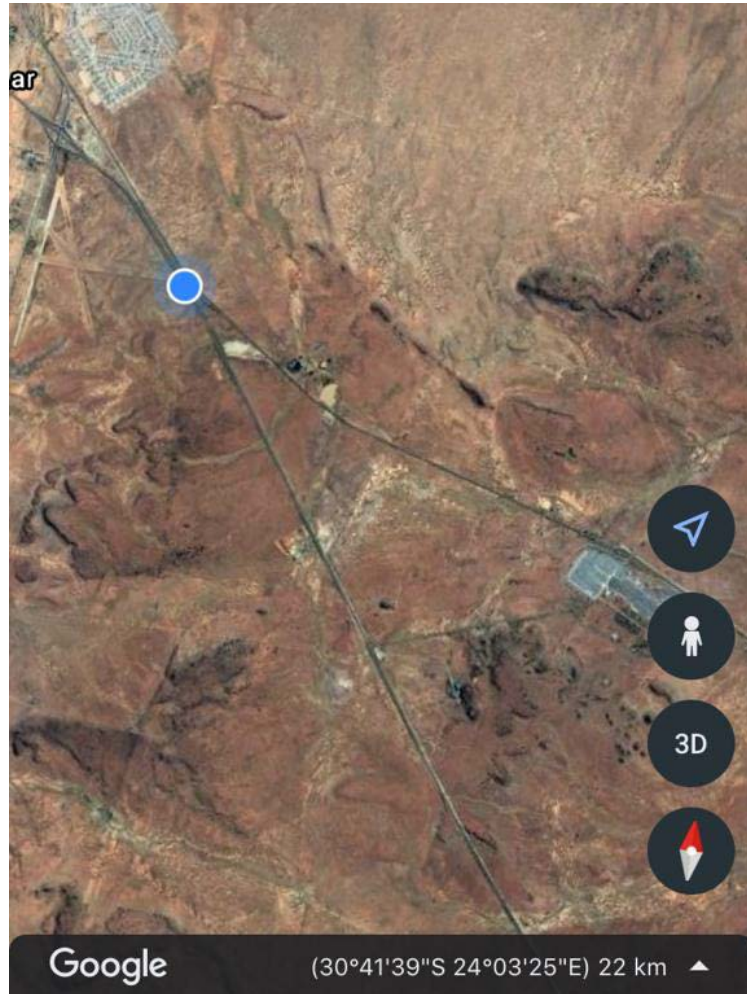
Site Notice A Location at: 30°42'36\"/>



Site Notice B Location



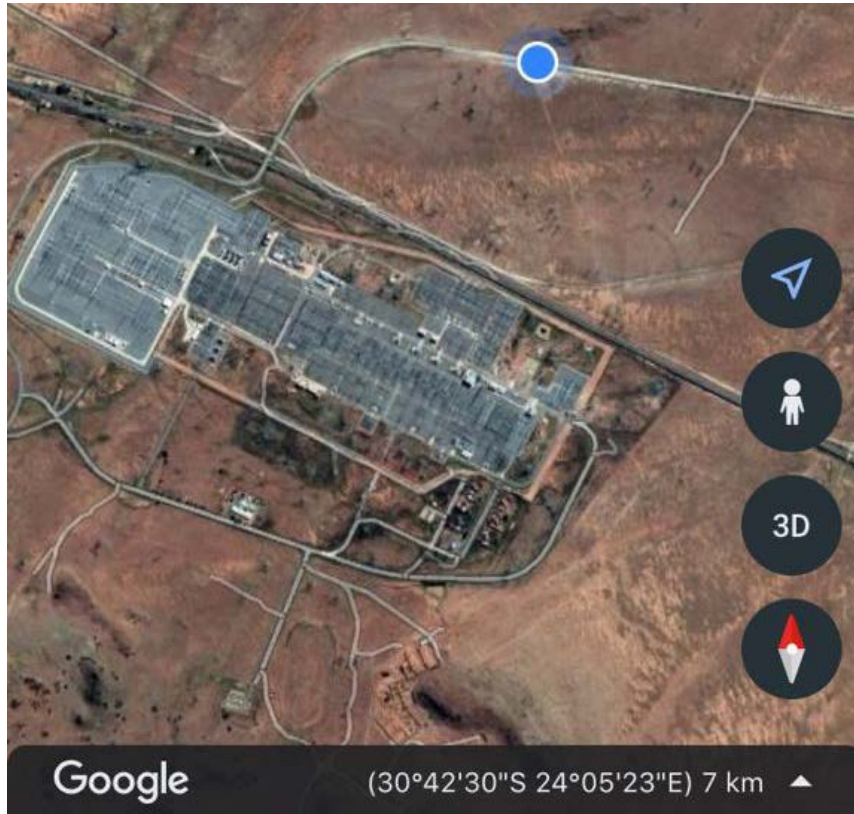
Site Notice B Location at: 30°42'30\"S and 24°05'23\"E



Site Notice C Location



Site Notice C Location at: 30°41'39\"/>

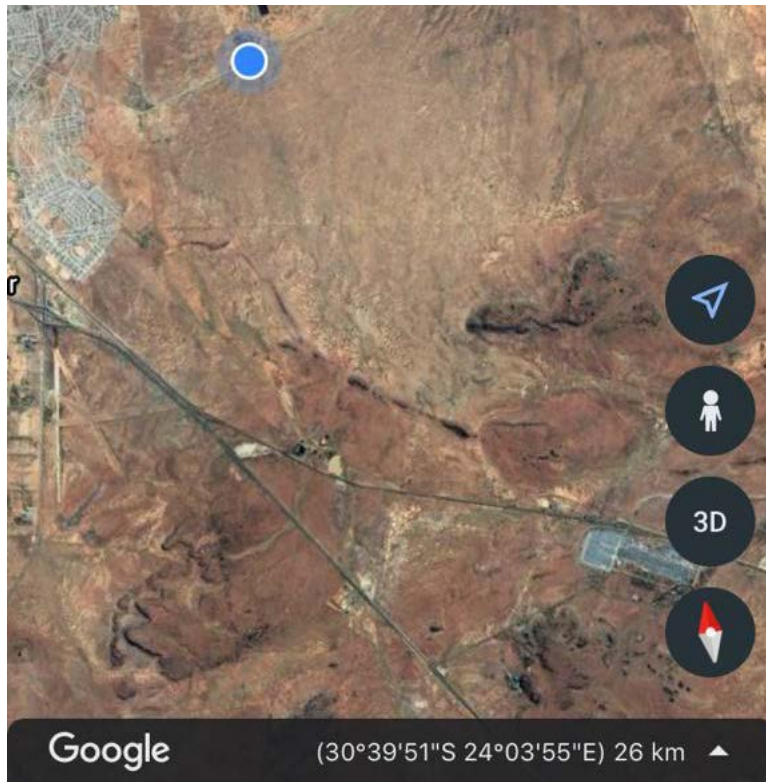


Site Notice B Location



Site Notice B Location at: 30°42'30"S and 24°05'23"E

POSTER PLACEMENT PROOF: MULILO TOTAL HYDRA STORAGE PROJECT: GRID INTERCONNECTION



Site Notice D Location



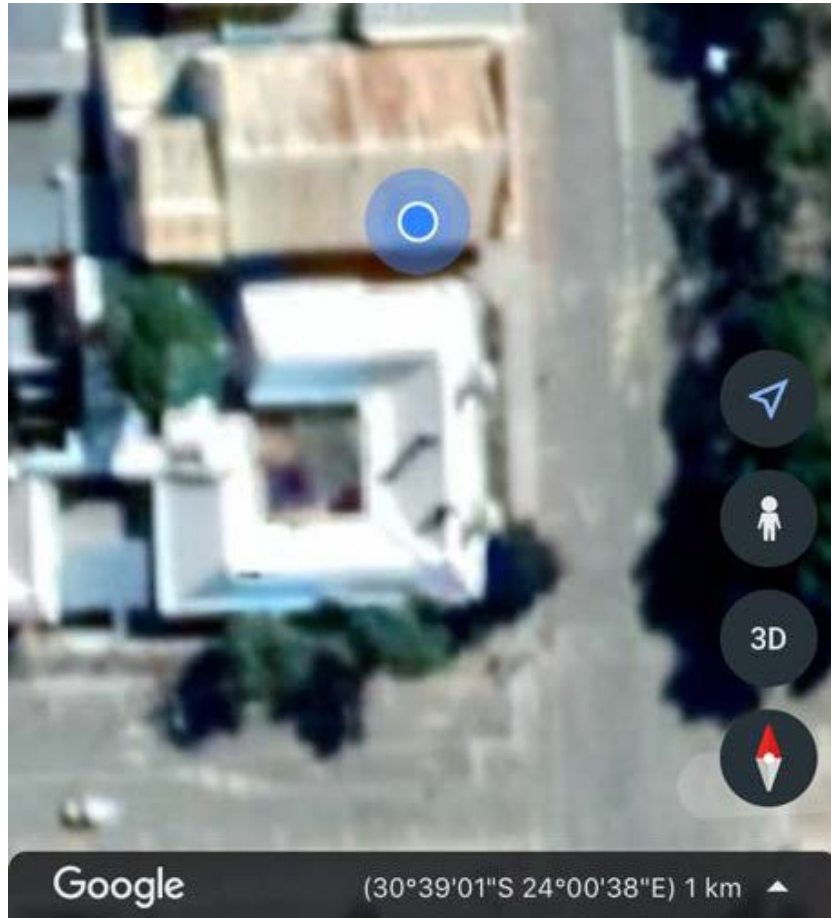
Site Notice D Location at: 30°39'51\"/>



Poster Location at the Shoprite – De Aar Town



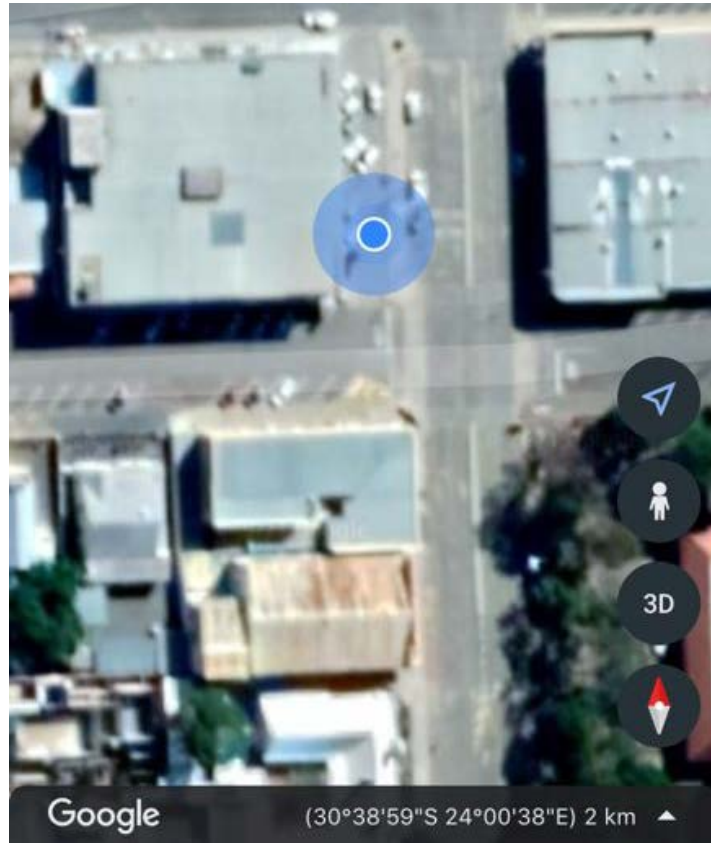
Location at: 30°39'07\"/>



Poster Location at the Emthanjeni Municipality Offices – De Aar Town



Location at: 30°39'01"S and 24°00'38"E



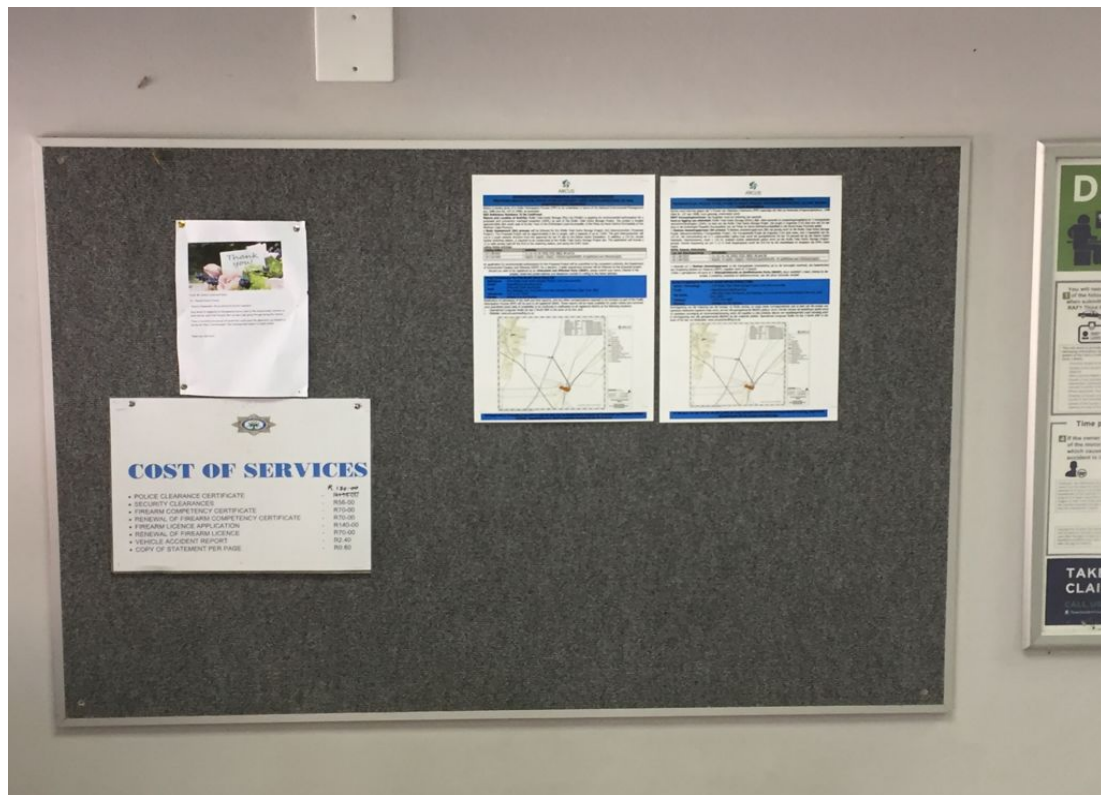
Poster Location at the Checkers Shop – De Aar Town



Location at: 30°38'59"S and 24°00'38"E



Poster Location at the De Aar Police Station – De Aar Town



Location at: 30°39'37\"/>

APPENDIX C2: NEWSPAPER ADVERT PLACEMENT PROOF

**NOTIFICATION OF EA PROCESSES:
PROPOSED MULILO TOTAL HYDRA STORAGE
PROJECT: GRID INTERCONNECTION, DE AAR,
NORTHERN CAPE PROVINCE**

**KENNISGEWING VAN OMGEWINGSMAGTIGING
PROSES:
VOORGESTELDE MULILO TOTAL HYDRA STORAGE
PROJEK: NETWERKVERBINDING, DE AAR, NOORD-
KAAP PROVINSIE**

Notice is hereby given of a Public Participation Process (PPP) to be undertaken in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.

DEFF Reference Number(s): To Be Confirmed

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Listing Notice Activities:

listing notice	activities
LN 1 GN R327	11; 12; 14; 19; 24(ii); 27(i); 28(ii); 48 and 56.
LN 3 GN R324	4(g)(ii); 10 (g)(ii); 12(g)(i); 14(ii)(a)(c)(g)(ii)(bb)(ff); 18 (g)(bb)(ee) and 23(ii)(a)(c)(g)(i).

The application for the **Basic Assessment Process will be submitted to the competent authority, the Department of Environment Forestry and Fisheries, for a decision.**

Notification of submission of the draft and final reports, and any other correspondence required to be included as part of either Public Participation Process (PPP) will be sent to all registered **Interested and Affected Parties (I&APs)**.

These reports will be made available on the website: www.arcusconsulting.co.za and for public review and comment once submitted (exact date and location of availability of each application to be confirmed in notification to all registered I&APs).

Should you wish to be registered as an I&AP, please submit your name, interest in the project, email and postal address and telephone number in writing to the below address.

Kennis word hiermee gegee dat 'n Proses van Openbare Deelname (PPP) ingevolge die Wet op Nasionale Omgewingsbestuur, 1998 (Wet Nr. 107 van 1998), soos gewysig, onderneem word.

DEFF Verwysingsnommer(s): Moet nog bevestig word

Aard en Ligging van Aktiwiteit: Mulilo Total Hydra Storage (Edms.) Bpk. doen aansoek vir omgewingsmagtiging vir 'n voorgestelde netwerkverbindingslyn (OHPL) as deel van die Mulilo Total Hydra Storage Projek. Die projek is ongeveer 6 km suid-oos van De Aar dorp in die Emthanjeni Plaaslike Munisipaliteit van die Pixley ka Seme-distriksmunisipaliteit in die Noord-Kaap Provinsie geleë.

'n **Basiese Assessingsproses (BA-proses)** sal gevolg word vir die Mulilo Total Hydra Storage Projek: Netwerkverbinding ('Voorgestelde Projek'). Die Voorgestelde Projek sal ongeveer 6 km lank wees, met 'n kapasiteit van tot 132 kV. Die netverbinding sal in 'n suidoostelike rigting loop vanaf die goedgekeurde De Aar PV-perseel tot by die Eskom Hydra Substasie. Daarbenewens, moet 'n 132 kV, dubbele busbar skakelstasie gebou word op die Mulilo Total Hydra Storage Project-perseel. Hierdie toepassing sal ook 'n 12 m breë toegangspad vanaf die N10 tot by die skakelstasie en langsaan die OHPL-roete insluit.

NEMA Gelyste Aktiwiteite:

Lys van Kennisgewings	Aktiwiteite
LN 1 GN R327	11; 12; 14; 19; 24(ii); 27(i); 28(ii); 48 and 56.
LN 3 GN R324	4(g)(ii); 10 (g)(ii); 12(g)(i); 14(ii)(a)(c)(g)(ii)(bb)(ff); 18 (g)(bb)(ee) and 23(ii)(a)(c)(g)(i).

Basiese Asseseringsproses sal by die bevoegde owerheid, die Departement van Omgewing Bosbou en Visserye, ingedien word vir 'n besluit.

Kennisgewing van die indiening van die konsep- en finale verslae, en enige ander korrespondensie wat as deel van die proses van openbare deelname ingesluit moet word, sal aan alle geregistreerde **Belanghebbende en Geaffekteerde Party (B & GP's)** gestuur word.

Hierdie verslae sal beskikbaar gestel word op die webtuiste: www.arcusconsulting.co.za en vir openbare oorweging en kommentaarlewering sodra dit ingedien is (die presiese datum en lokasie van beskikbaarheid van elke aansoek om bevestig te word in kennisgewing aan alle geregistreerde B & GP's).

Indien u geregistreer wil word as 'n B&GP en/of verdere inligting wil ontvang, stuur asseblief u naam, belang by die projek, e-

Arcus Consultancy Services South Africa (Pty) Ltd

Arcus Reference / Verwysing 1 : 4194 Mulilo Total Hydra Storage Project: Grid Interconnection

Person / Persoon : Ashleigh von der Heyden

Email / E-Pos : deaar@arcusconsulting.co.za

Post / Pos: Office 607 Cube Workspace, Icon Building, Cnr Long Street and Hans Strijdom Avenue, Cape Town, 8001

Telephone / Telefoon : +27 21 412 1529

Recline to align

DE AAR – I have recently been fortunate enough to offer training to some of the staff at the Sonder Sorge nursing home. One thing is pertinent: they are stuck with their chair situation and, consequently, the positioning of their patients. They only have upright chairs. These patients need to be sitting behind 90 degrees.

A patient who wishes to remain anonymous has donated money towards the purchase of two new nebulisers, which will help us go far with chest treatments and management, but we need chairs. Anything soft that is not upright or that can recline. Donations will also be accepted so that we may search for second-hand chairs. I wrote a poem from a geriatric's eyes to request your help and support, De Aar. This is one where we can make a change in a big way. Did you know that by positioning a patient slightly more reclined as opposed to a flexed forward stooping position, you could cause the following: An increased flow of oxygen. Increased blood flow leading to better circulation in the limbs too. Less pressure on the buttocks/sit bones eliminating the achiness so common on the sit bones. Better alignment of the spine leading to less musculoskeletal pain and restriction. Better flow of the fluid around the brain and spine leading to more energy and increased alertness. Altogether less fatigue. Less pull on the connective tissue decreasing the chances of chronic headaches and the constant burning between the shoulder blades. Less tension on the neck and shoulders. Better positioning from which to move the limbs, thereby increasing circulation. Generalised improved mood due to increased circulation and oxygen distribution. Better mood leads to better cooperation and more effortless execution of daily tasks. Motivation and positivity are more likely in a better position.

*I'm tired; I'm brittle; I'm old
I sit in this chair and basically fold
I cannot look up; I cannot see the sky
The frustration of talking but not seeing your eyes
My neck, my back and my shoulders burn
For the pain in my tissue to be gone, I yearn
My head is thick and always achy
My breathing is shallow, and my hands so shaky
I recognise them from their varying feet,
Its all I can do here in this seat.
If only my body could just recline,
The pressure would be off of my spine
If my head could be held and my body tilted;
I wouldn't feel this tired or so very wilted.
If they only knew how I needed more air;
How my position would change if I had the right chair.
If I could lift my head and see the world;
I could see my last days and be uncured
If my spine was aligned; my vertebrae inline;
It wouldn't feel like my day was dwindling time.
I shout out to my people, I call to my town:
Please help me get rid of this deep-set frown.
I need the right chair; I need the right seat.
I want to feel better; I want to feel my feet.
I pray my community will hear my call.
I pray their open arms will stop my fall.
Being old and fragile is indeed;
a reason to ask and a reason to need.
If I get my chair, my comfort prize;
You'll see the sparkles back in my eyes;
The colour back in my face as my chest moves
up and down
The valour I feel as my heart will no longer be
drown.
The blood grows spirit, body and mind;
A happier geriatric would be hard to find.
So I thank you so long, with lots of love
and give gratitude for the grace from above*

Jeanette Maritz, bestuurder by Sonder Sorge het die volgende gesê: “n Koel bries van lig het vir ACVV Sonder Sorge tuis inwoners en personeel die Covid 19 persing laat vaar in veilige waters. Versterk nadat die Fisioterapeut inspererend haar kennis en liefde met die personeel gedeel het, sodat hul bemagtig kan wees om hulself te beskerm en die inwoners se behoeftes waar te neem en te bevredig waar hul hulp kan verleen. Hierdie tegnieke en bemagtigings sessies wat onbaatsigtig in haar eie tyd aangebied is, het so baie vir almal beteken. Huffing, Vibrasie, pelvisse spier oefeninge en beklopping het nou vir die personeel heel ander wêreld oop gemaak.

Die lig wat sy in die vertrek in dra omdat sy baie begrip het en luister-, so 'n groot deel van haar liefde vir haar pasiënt uitmaak, maak so 'n sessie werklik so 'n waardevolle oomblik dat jy wens dit kan aanhou!”



Babs Swart a resident of Sonder Sorge Sorge with Milyn Brazier from MB Physio.

Betrokkenheid in gemeenskap nog belangrik

DE AAR – Daar word deesdae baie gepraat oor gemeenskapsbetrokkenheid. In die hedendaagse lewe is dit belangrik dat elkeen van tyd tot tyd 'n paar oomblikke sal afknyp en dan nabetraging sal hou oor ons betrokkenheid in die gemeenskap waarvan ons elkeen ook deel is.

Elkeen van ons voer 'n stryd teen toestande en euwels wat sommige lewens en lewenswyses bedreig. Die dorp se werkloosheidsyfer is hoog en ons sien daagliks mense wat werk soek en vir iets te ete vra. Inwoners kla oor die algemeen dat die stygende lewenskoste dit vir hulle bykans onmoontlik maak om finansieel die mas op te kom. Gesinne word aan euwels blootgestel en mens hoor gereeld van gevare soos dwelms en bendes waaraan die dorp se jeug blootgestel word. Dit laat die vraag ontstaan of genoeg hulp beskikbaar is om die euwels soos genoem teen te staan en moet inwoners nie dalk groter hulp in dié verband verleen nie. Die vraag oor ons betrokkenheid kan ook betrekking hê op ons onmiddellike omgewing. Hoe bewus is ons van gebeure in die straat waarin ons woon? 'n Mens hoor dikwels van 'n buurman of buurvrou wat ernstig siek is of wat een of ander ernstige teurstelling of ervaring gehad het, en dan weet die bure naby hulle dit nie eens nie.

Die vraag oor ons betrokkenheid kan ook betrekking hê op ons gesin, personeel by die werk, ons geestelike lewe en diens op baie terreine. Predikante en kerkraadslede lê nie meer gereeld besoek by lidmate af soos 'n klompie jare gelede nie en dus het die druk op die mens soveel groter geword om sy of haar geestelike lewe gereeld in oënskou te neem. Die misdaadterrein verg voortdurend aandag en daar is altyd die moontlikheid dat dit op jou of jou buurman of vriend se erf kan plaasvind. Die vraag is: weet ons of alles by ons bure of vriende elke dag veilig is. Die vraag wat 'n mens jouself moet afvra is: kan ek moontlik verhoed dat 'n ernstige situasie in my omgewing ontstaan as ek meer betrokke raak of as ek meer bewus raak van my kinders of hul se doen en late? Dit word nie bedoel dat mens soos polisie moet optree nie, maar mens kan 'n positiewe bydrae lewer deur betrokke te wees in belang van ons dorp, omgewing en ander mense.



The Emthanjeni Municipality water works team busy with repairs on the Burgerville Main Line.

“HUISHOUDELIKE BELASTING” VIR SAUK VOORGESTEL

DIE Suid-Afrikaanse Uitsaaikorporasie, oftewel SAUK het 'n voorstel gemaak om die huidige TV-lisensies af te skaf en eerder 'n tipe belasting op alle huishoudinge te hef, ongeag van die feit dat dié huishouding 'n TV het of nie.

Volgens die voorstel sal pensioenarisse egter afslag kry op so 'n tipe belasting. Dié voorstel word vervat in die SAUK se witskrif oor oudiovisuele inhouddienste, wat deel vorm van voorgestelde wysigings aan die Uitsaaiwet. Volgens die SAUK het hulle die voorstel gemaak weens die beginsel dat alle huishoudings, teoreties toegang kan hê tot die openbare uitsaaiers se TV- en radiokanale deur middel van onder meer aanlyn platforms, eerder as TV-platforms.

Luidens berigte wil die SAUK nie lisensies hef op toestelle of tegnologie nie, maar wil eerder dié heffing instel vir toegang tot openbare uitsendings.

Biologiese vader word gesoek

DE AAR – Die Departement van Maatskaplike Ontwikkeling wil graag kinders wat sorgbehoewend is in alternatiewe sorg plaas.

Die Maatskaplike Werkster is dringend opsoek na die biologiese vader van Zaiden Botha en Jaden Botha, hul biologiese moeder is Nadine Botha woonagtig in De Aar. Die betrokke kinders is huidiglik in die sorg van hul materne ouma, me Felista Geduld.

Die Departement van Maatskaplike Ontwikkeling, Pixley Ka Seme, De Aar Kantoor, versoek enige persoon met inligting, die Maatskaplike Werkster, Me Dadienne Abrahams te kontak op 053 632 7600, gedurende kantoorure.

Tweede besending Covid-19 entstof in SA

PRESIDENT Cyril Ramaphosa het Sondagmiddag bevestig dat meer as 67 000 gesondheidswerkers die afgelope tien dae teen Covid-19 ingeënt is.

Die aantal inentingspersele regoor die land is die afgelope week van 17 na 49 uitgebrei. Altesaam 32 van die persele sal by openbare hospitale en 17 by private hospitale ingerig word. Dit sluit in persele in die landelike gebiede om toegang tot die entstof vir gesondheidswerkers op die platteland te verbeter. Suid-Afrika het 'n ooreenkomst met Johnson & Johnson gesluit vir die verkryging van 11 miljoen dosisse. Altesaam 2,8 miljoen van dié dosisse sal in die tweede kwartaal in Suid-Afrika aankom en die res deur die loop van die jaar.

Die regering het ook 20 miljoen dosisse van Pfizer bekom wat van die tweede kwartaal in die land sal aankom. Nog 12 miljoen dosisse sal van die wêreldwye Covax-fasiliteit van die Wêreldgesondheidsorganisasie bekom word. Fase 2 van die regering se entstofprogram sal na verwagting laat April of vroeg Mei afskop.

NOTICE

LOST OR DESTROYED DEED

Notice is hereby given in terms of Regulation 68 of the Deeds Registries Act, 1937, of the intention to apply for the issue of a certified copy of **CERTIFICATE OF CONSOLIDATED TITLE No. T30120/1992** issued in favour of **JOHANNES GEORGE POTGIETER (ID No. 560722 5034 088)** Married out of community of property in respect of:

Certain: Portion 16 of the Farm Kraai-bosch No. 15;

Situate: In the Administrative District of Philipstown;

Measuring: One Hundred and Nine comma One One One Nine (109,1119) Hectares

which has been lost or destroyed.

All interested persons having objection to the issue of such copy are hereby required to lodge the same in writing with the Registrar of Deeds at **KIMBERLEY, corner of Knight & Stead Street, KIMBERLEY 8301, Private Bag X5026, Kimberley 8300** within two weeks from the date of publication of this notice.

Dated at KIMBERLEY on this day of January 2021.

JOHANNES GEORGE POTGIETER
(Applicant)

Care of:
ENGELSMAN MAGABANE INC.
Block E Bishops Park
9 Bishops Avenue, Labram
KIMBERLEY 8301
E-mail: jacky@engelsman.co.za
Contact No: (053) 832-8134
Reference No:

MR VAN DER WAL/JACKIE/ABS33/0650
T030221A M5



NOTIFICATION OF EA PROCESSES: PROPOSED MULILO TOTAL HYDRA STORAGE PROJECT: GRID INTERCONNECTION, DE AAR, NORTHERN CAPE PROVINCE

Notice is hereby given of a Public Participation Process (PPP) to be undertaken in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.

DEFF REFERENCE NUMBER(S): TO BE CONFIRMED

Nature and Location of Activity: Mulilo Total Hydra Storage (Pty) Bpk ('Mulilo') is applying for environmental authorisation for a proposed grid connection overhead powerline (OHPL) as part of the Mulilo Total Hydra Storage Project. The project is located approximately 6km south east of De Aar Town in the Emthanjeni Local Municipality of the Pixley ka Seme District Municipality of the Northern Cape Province. A Basic Assessment (BA) process will be followed for the Mulilo Total Hydra Storage Project: Grid Interconnection ('Proposed Project'). The Proposed Project will be approximately 6 km in length, with a capacity of up to 132kV. The grid interconnection will run in a south easterly direction from the approved De Aar PV site to the Eskom Hydra Substation. In addition, A 132 kV, double busbar switching station, is required to be constructed at the Mulilo Total Hydra Storage Project site. This application will include a 12 m wide Access Road off the N10 to the Switching Station, and along the OHPL route.

Listing Notice Activities:

Listing Notice	Activities
LN 1 GN R327	11; 12; 14; 19; 24(ii); 27(i); 28(ii); 48 and 56.
LN 3 GN R324	4(g)(ii); 10 (g)(ii); 12(g)(i); 14(ii)(a)(c)(g)(ii) (bb)(ff); 18 (g)(bb)(ee) and 23(ii)(a)(c)(g)(i).

The application for the Basic Assessment Process will be submitted to the competent authority, the Department of Environment Forestry and Fisheries, for a decision.

Notification of submission of the draft and final reports, and any other correspondence required to be included as part of the Public Participation Process (PPP) will be sent to all registered Interested and Affected Parties (I&APs).

These reports will be made available on the website: www.arcusconsulting.co.za and for public review and comment once submitted (exact date and location of availability of each application to be confirmed in notification to all registered I&APs).

Should you wish to be registered as an I&AP, please submit your name, interest in the project, email and postal address and telephone number in writing to the below address.

Arcus Consultancy Services South Africa (Pty) Ltd
Arcus Reference / Verwysing 1 : 4194 Mulilo Total Hydra Storage Project: Grid Interconnection
Person / Persoon : Ashleigh von der Heyden
Email / E-Pos : deaar@arcusconsulting.co.za
Post / Pos: Office 607 Cube Workspace, Icon Building, Cnr Long Street and Hans Strijdom Avenue, Cape Town, 8001
Telephone / Telefoon : +27 21 412 1529



KENNISGEWING VAN OMGEWINGSMAGTIGING PROSES: VOORGESTELDE MULILO TOTAL HYDRA STORAGE PROJEK: NETWERKVERBINDING, DE AAR, NOORD-KAAP PROVINSIE

Kennis word hiermee gegee dat 'n Proses van Openbare Deelname (PPP) ingevolge die Wet op Nasionale Omgewingsbestuur, 1998 (Wet Nr. 107 van 1998), soos gewysig, onderneem word.

DEFF VERWYSINGSNUMMER(S): MOET NOG BEVESTIG WORD

Aard en Ligging van Aktiwiteit: Mulilo Total Hydra Storage (Edms.) Bpk. doen aansoek vir omgewingsmagtiging vir 'n voorgestelde netwerkverbindingslyn (OHPL) as deel van die Mulilo Total Hydra Storage Projek. Die projek is ongeveer 6 km suid-oos van De Aar dorp in die Emthanjeni Plaaslike Munisipaliteit van die Pixley ka Seme-distrikmunisipaliteit in die Noord-Kaap Provinsie geleë. 'n Basiese Assesseringsproses (BA-proses) sal gevolg word vir die Mulilo Total Hydra Storage Projek: Netwerkverbinding ('Voorgestelde Projek'). Die Voorgestelde Projek sal ongeveer 6 km lank wees, met 'n kapasiteit van tot 132 kV. Die netverbinding sal in 'n suidoostelike rigting loop vanaf die goedgekeurde De Aar PV-persel tot by die Eskom Hydra Substasie. Daarbenewens, moet 'n 132 kV, dubbele busbar skakelstasie gebou word op die Mulilo Total Hydra Storage Projek-persel. Hierdie toepassing sal ook 'n 12 m breë toegangspad vanaf die N10 tot by die skakelstasie en langs die OHPL-roete insluit.

NEMA Gelyste Aktiwiteite:

Listing Notice	Activities
LN 1 GN R327	11; 12; 14; 19; 24(ii); 27(i); 28(ii); 48 and 56.
LN 3 GN R324	4(g)(ii); 10 (g)(ii); 12(g)(i); 14(ii)(a)(c)(g)(ii) (bb)(ff); 18 (g)(bb)(ee) and 23(ii)(a)(c)(g)(i).

Basiese Assesseringsproses sal by die bevoegde owerheid, die Departement van Omgewing Bosbou en Visserye, ingedien word vir 'n besluit.

Kennisgewing van die indiening van die konsep- en finale verslae, en enige ander korrespondensie wat as deel van die proses van openbare deelname ingesluit moet word, sal aan alle geregistreerde Belanghebbende en Geïnteresseerde Party (B & GP's) gestuur word.

Hierdie verslae sal beskikbaar gestel word op die webtuiste: www.arcusconsulting.co.za en vir openbare oorweging en kommentaarlewing sodra dit ingedien is (die presiese datum en lokasie van beskikbaarheid van elke aansoek om bevestig te word in kennisgewing aan alle geregistreerde B & GP's).

Indien u geregistreer wil word as 'n B&GP en/of verdere inligting wil ontvang, stuur asseblief u naam, belang by die projek, e-posadres, posadres en telefoonnummer, asook enige skriftelike kommentaar aan die adres hieronder verskaf.

APPENDIX C3: INITIAL NOTIFICATION

**NOTIFICATION OF AN EA PROCESS:
PROPOSED MULILO TOTAL HYDRA STORAGE PROJECT:
GRID INTERCONNECTION, DE AAR, NORTHERN CAPE
PROVINCE**

Notice is hereby given of a Public Participation Process (PPP) to be undertaken in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.

DEFF Reference Number(s): To Be Confirmed

Nature and Location of Activity: Mulilo Total Hydra Storage (Pty) Ltd is applying for environmental authorisation for a proposed grid connection overhead powerline (OHPL), switching station and access road (Proposed Project), as part of the Mulilo Total Hydra Storage Project that was bid in the Risk Mitigation Independent Power Producers Procurement (RMIPPP) programme. The Proposed Project is located approximately 6km south east of De Aar Town in the Emthanjeni Local Municipality of the Pixley ka Seme District Municipality of the Northern Cape Province.

A **Basic Assessment (BA) process** will be followed for the Mulilo Total Hydra Storage Project: Grid Interconnection ('Proposed Project'). The OHPL will be approximately 8 km in length, with a capacity of up to 132kV. The grid interconnection will run in a south easterly direction from the approved De Aar PV site to the Eskom Hydra Substation. In addition, a 132 kV, double busbar switching station, is required to be constructed at the Mulilo Total Hydra Storage Project site. This application will include a 12 m wide Access Road off the N10 to the Switching Station, and an <6m m wide access service track along the OHPL route.

NEMA Listed Activities:

Listing notice	Activities
LN 1 GN R327	11; 12; 14; 19; 24(ii); 27(i); 28(ii); 48 and 56.
LN 3 GN R324	4(g)(ii); 10 (g)(ii); 12(g)(i); 14(ii)(a)(c)(g)(ii)(bb)(ff); 18 (g)(bb)(ee) and 23(ii)(a)(c)(g)(i).

The application for the **Basic Assessment Process will be submitted to the competent authority, the Department of Environment Forestry and Fisheries, for a decision.**

Notification of submission of the draft and final reports, and any other correspondence required to be included as part of either Public Participation Process (PPP) will be sent to all registered **Interested and Affected Parties (I&APs)**. Should you wish to be registered as an I&AP, please submit your name, interest in the project, email and postal address and telephone number in writing to the below address.

This report is available for public review and comment from **31 March 2021 to 03 May 2021** at the following locations:

Electronic	www.arcusconsulting.co.za	
Hardcopy By appointment only	Address: 19 Van der Merwe Street, DE AAR, 7000.	Beverly Horak 083 793 9254

**KENNISGEWING VAN 'N OMGEWINGSMAGTIGING
PROSES:
VOORGESTELDE MULILO TOTAL HYDRA STORAGE
PROJEK: NETWERKVERBINDING, DE AAR, NOORD-KAAP
PROVINSIE**

Kennis word hiermee gegee dat 'n Proses van Openbare Deelname (PPP) ingevolge die Wet op Nasionale Omgewingsbestuur, 1998 (Wet Nr. 107 van 1998), soos gewysig, onderneem word.

DEFF Verwysingsnommer(s): Moet nog bevestig word

Aard en Ligging van Aktiwiteit: Mulilo Total Hydra Storage (Edms.) Bpk. doen aansoek vir omgewingsmagtiging vir 'n voorgestelde netwerkverbindingslyn (OHPL), skakelstasie en toegangspaaie (voorgestelde projek), as deel van die Mulilo Total Hydra Storage Projek wat aangebied is in die RMIPPP-program (Risk Mitigation Independent Power Producers Procurement). Die Voorgestelde Projek is ongeveer 6 km suid-oos van die De Aar dorp in die Emthanjeni Plaaslike Munisipaliteit van die Pixley ka Seme-distriksmunisipaliteit in die Noord-Kaap Provinsie geleë.

'n **Basiese Assessingsproses (BA-proses)** sal gevolg word vir die Mulilo Total Hydra Storage Projek: Netwerkverbinding ('Voorgestelde Projek'). Die OHPL sal ongeveer 8 km lank wees, met 'n kapasiteit van tot 132 kV. Die netverbinding sal in 'n suidoostelike rigting loop vanaf die goedgekeurde De Aar PV-perseel tot by die Eskom Hydra Substasie. Daarbenewens, moet 'n 132 kV, dubbele busbar skakelstasie gebou word op die Mulilo Total Hydra Storage Project-perseel. Hierdie toepassing sal ook 'n 12 m breë toegangspad vanaf die N10 tot by die skakelstasie en 'n <6 m breë toegangspad langs die OHPL-roete insluit.

NEMA Gelyste Aktiwiteite:

Lys van Kennisgewings	Aktiwiteite
LN 1 GN R327	11; 12; 14; 19; 24(ii); 27(i); 28(ii); 48 and 56.
LN 3 GN R324	4(g)(ii); 10 (g)(ii); 12(g)(i); 14(ii)(a)(c)(g)(ii)(bb)(ff); 18 (g)(bb)(ee) and 23(ii)(a)(c)(g)(i).

Die aansoek vir die **Basiese Asseseringsproses sal by die bevoegde owerheid, die Departement van Omgewing Bosbou en Visserie, ingedien word vir 'n besluit.**

Kennisgewing van die indiening van die konsep- en finale verslae, en enige ander korrespondensie wat as deel van die proses van openbare deelname ingesluit moet word, sal aan alle geregistreerde **Belanghebbende en Geaffekteerde Party (B&GPe)** gestuur word. Indien u geregistreer wil word as 'n B&GP en/of verdere inligting wil ontvang, stuur asseblief u naam, belang by die projek, e-posadres, posadres en telefoonnommer aan die adres hieronder verskaf.

Hierdie verslag is beskikbaar vir openbare oorsig en kommentaar vanaf **31 Maart 2021 tot 03 Mei 2021** op die volgende plekke

Elektronies	www.arcusconsulting.co.za	
Hardekopie Slegs op afspraak	Address: 19 Van der Merwe Street, DE AAR, 7000.	Beverly Horak 083 793 9254

Arcus Consultancy Services South Africa (Pty) Ltd

Arcus Reference / Verwysing : 4194 Mulilo Total Hydra Storage Project: Grid Interconnection

Person / Persoon : Ashleigh von der Heyden

Email / E-Pos : deaar@arcusconsulting.co.za

Post / Pos: Office 607 Cube Workspace, Icon Building, Cnr Long Street and Hans Strijdom Avenue, Cape Town, 8001

Telephone / Telefoon : +27 21 412 1529



ARCUS

**BACKGROUND INFORMATION
DOCUMENT**

**PROPOSED MULILO TOTAL HYDRA STORAGE PROJECT:
GRID INTERCONNECTION AND ASSOCIATED
INFRASTRUCTURE, NEAR DE AAR IN THE NORTHERN
CAPE PROVINCE**

On behalf of

MULILO TOTAL HYDRA STORAGE (PTY) LTD

MARCH 2021



Prepared By:

Arcus Consultancy Services South Africa (Pty) Limited

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PROJECT DETAILS

DEFF Reference Number:	To be allocated upon submission	
Arcus Reference No:	4194 Mulilo Total Hydra Storage Project- Grid Interconnection	
Title:	Basic Assessment Report for the Proposed Mulilo Total Hydra Storage Project-Grid Interconnection and associated infrastructure near De Aar in the Northern Cape Province	
EAP:	Ashleigh von der Heyden	Arcus Consultancy Services South Africa (Pty) Ltd
Report Authorisation:	Ashlin Bodasing	Arcus Consultancy Services South Africa (Pty) Ltd
Project Team:	Dr Owen Davies	Arcus Consultancy Services South Africa (Pty) Ltd
	Jamie Pote	Independent
	Jon Smallie	WildSkies (Pty) Ltd
	Dr Brian Colloty	Enviro Sci. (Pty) Ltd
	John Gribble	ACO Associates (Pty) Ltd
	Johann Lanz	Independent Consultant
Project Applicant:	Mulilo Total Hydra Storage (Pty) Ltd	
Report Status:	Basic Assessment Report – Draft for Public Comment	

PUBLIC PARTICIPATION LOCATION DETAILS

This report is available for public review and comment for a period of more than 30 days from 31 March 2021 to 03 May 2021, taking into consideration Chapter 2 Regulation 3 (1); (2) and (3) of the National Environmental Management Act, 1998 (Act No. 107 of 1998), at the following locations:

- www.arcusconsulting.co.za; and
- By appointment only and during business hours 09h00 – 16h00):

Address: 19 Van der Merwe Street, DE AAR, 7000

Contact Person: Beverley Horak

Contact Number: 083 793 9254

All comments to be submitted to the EAP no later than 03 May 2021.

1 PROJECT BACKGROUND

Mulilo Total Hydra Storage (Pty) Ltd ('MTHS') is applying for environmental authorisation for a self-build grid interconnection project which will consist of a short overhead powerline, switching station and access road ('proposed development') as part of the Mulilo Total Hydra Storage Project.

The Mulilo Total Hydra Storage Project is a hybrid electricity generation plant comprising of solar photovoltaic (PV) technology, a battery energy storage system (BESS) and emergency backup Diesel / Gas generator installations (Gensets). The Mulilo Total Hydra Storage Project was bid in the Risk Mitigation Independent Power Producers Procurement Program (RMI4P), and if selected as a preferred bidder, the project would obtain SIP status. The Mulilo Total Hydra Storage Project is located 5km South East of De Aar in the Northern Cape and roughly 8km north of the Eskom Main Transmission Substation (MTS), Hydra.

In terms of the Self-Build agreement for the proposed development, Eskom has provided an indicative Cost Estimate Letter to connect MTHS to the national electricity network (Grid). All environmental approvals for MTHS are in place however the Grid connection works had to be adjusted and a separate Environmental Authorisation is required to be issued for all the infrastructure which is handed over to Eskom on completion.

The following Self-Build works are proposed as part of this Environmental Application.

- A 132kV, 6 x bay switching station is required adjacent to Mulilo Total Hydra Storage Project substation.
- A 6 km long, 12m wide access road is required from the N10 across the De Aar 1/180 farmstead, to the 6 x bay switching station.
- An overhead powerline (OHPL) is needed to evacuate electricity generated from Mulilo Total Hydra Storage Project and is to be approximately 8 km in length, with a capacity of up to 132 kV. The proposed OHPL follows the existing 132 kV Hydra Bushbuck (Solar Capital) OHPL for the most part and will run in a south easterly direction to the Eskom Hydra Main Transmission Substation (MTS).
- A single track service road will be required for the construction and maintenance of the OHPL and would run directly below the OPHL.

A 132kV Feeder Bay and Busbar extension is required at Hydra Substation.

2 MTHS SELF BUILD GRID INTERCONNECTION (OVERHEAD POWER LINE):

The overhead powerline (OHPL) will evacuate electricity generated from the Mulilo Total Hydra Storage Project and is to be approximately 8 km in length, with a capacity of up to 132 kV. The proposed OHPL follows the existing 132 kV Eskom Hydra-Bushbuck OHPL for the most part, and will run in a south easterly direction to the Eskom Hydra Main Transmission Substation (MTS). A single track service road will be required for the construction and maintenance of the OHPL and would run directly below the OPHL. The intended end-user for this project is Eskom, and responsibility will be handed over to Eskom should favourable environmental authorisation be granted and the project successfully commissioned.

The grid connection route considered in this application was previously assessed as a 200m wide corridor (100m on either side of the line) for the 400 kV grid connection associated with the Mulilo De Aar 2 South Wind Energy Facility ('DA2S WEF') (Arcus, 2021). The specialist assessments conducted for this route have been used to inform the baseline environment and impacts for this proposed development

- Design and construct ± 8 km of single circuit 132 kV overhead power line (OHPL), between the Hydra MTS and Mulilo Total Hydra Storage Project;
- The overhead power line is to be strung with twin tern conductor;

- Preferred technology to be that of bird friendly steel monopole structures. These are to be used with a maximum height of 25m.
- Telecommunication via fibre optic is required on the 8km HV Line.

Associated infrastructure will include:

- Foundations and insulators;
- Existing access roads and jeep tracks; and
- Line and servitude clearances to meet the statutory requirements

2.1 Locality Details

The following farm portions are directly affected by the proposed OHPL.

Details of the Affected Farm Properties

Farm Name	Portion Number	Farm Number
Wag 'n Bietje	3	5
Hydra	RE	144
Wag 'n Bietjie Annex C	1	137
Vetlaagte	RE	4

Preferred Alternative Proposed OHPL Route Coordinates - Start, Middle and End

Geographical Co-ordinates		Preferred OHPL Route
Start	Latitude	30°40'41.20"S
	Longitude	24° 4'2.82"E
Middle	Latitude	30°41'53.20"S
	Longitude	24° 5'9.58"E
End	Latitude	30°42'55.80"S
	Longitude	24° 5'36.57"E

3 ASSOCIATED INFRASTRUCTURE:

This associated infrastructure is being mentioned as part of this report as they form part of the Grid Interconnection Project to be handed over to Eskom for commissioning responsibility.

3.1 Switching Station Access Road:

A 6km long, 12 m wide access road is required for construction and maintenance of the self-build switching station. Access begins off the N10 highway and terminates at the self-build switching station. A <6m service road continues along the proposed OHPL route within the servitude, and as far as possible, this road will be used.

3.2 Self-Build Switching Station:

A 132 kV, double busbar switching station, is required to be constructed at the Mulilo Total Hydra Storage Project site. The switching station is named the Self Build Switching Station, and will house the required metering and protection equipment inside various substation buildings. In addition, there will be spatial provision to establish at least four additional outgoing feeder bays with access to the property for at least two additional incoming line bays to cater for future expansions. The switching station will eventually contain six bays but

would start with the initial two bays as required by the Mulilo Total Hydra Storage project. The land required would be 100 m x 100 m for the 2-bay phase, increasing to 200 m x 100 m for six bays and with a maximum height of 25 m.

3.3 Locality Details

The switching station will be located east to the approved Mulilo De Aar project site, at the start of the proposed OHPL, and is centrally positioned to near by existing electrical infrastructure and approved solar photovoltaic (PV) projects. The switching station falls within 4 of the Emthanjeni Local Municipality. The switching station will be approximately 6 km east of the town De Aar in the Northern Cape.

Details of the Affected Farm Properties

Farm Name	Portion Number	Farm Number
De Aar	1	180
De Aar	55	180
De Aar	56	180

Switching Station Corner Co-Ordinates

Geographical Co-ordinates		Switching Station
North	Latitude	30°40'39.21"S
	Longitude	24° 3'59.48"E
East	Latitude	30°40'39.23"S
	Longitude	24° 4'3.34"E
South	Latitude	30°40'44.17"S
	Longitude	24° 4'3.36"E
West	Latitude	30°40'44.18"S
	Longitude	24° 3'59.47"E

4 ADDITIONAL PROJECT CONSIDERATIONS

The following two project considerations have been proposed by MTHS as part of the self-build agreement with Eskom. These will be commissioned in terms of Eskom's Build guidelines and preference.

4.1 Upgrades at Hydra MTS:

As part of the above-mentioned self-build, MTHS intend on extending the existing 132kV double busbars by one bay and establishing a new 132kV feeder bay at the Eskom Hydra MTS. This upgrade will also include protection and metering components.

5 ALTERNATIVES CONSIDERED

Should an alternative powerline route be required, MTHS have identified a possible solution and have engaged with the Eskom Grid Access Unit to establish its viability.

MTHS are proposing to perform a "loop in loop out" onto one circuit of the existing Eskom Hydra-Bushbuck double circuit 132kV OHPL and to restring the remaining portion of that circuit (if required) between the Project and the Hydra Substation. The purpose of the proposed restring is provide additional electricity evacuation option to Eskom and to the Mulilo Total Hydra Storage Project and to minimise any potential servitude or feeder bay

constraints at the Hydra Substation. This proposed commission will not trigger any additional activities other than those being applied for.

6 The National Environmental Management Act, Act 107 of 1998.

The Department of Environment, Forestry and Fisheries (DEFF) will act as the Competent Authority for the proposed development. The following Listing Notice Activities have been applied for as part of the Environmental Authorisation. In terms of the table below, a Basic Assessment Process is being followed for the proposed development.

NEMA Applicable Listed Activities

LISTING NOTICE	ACTIVITIES
LN 1 GN R327 ¹	11; 12; 14; 19; 24(ii); 27(i); 28(ii); 48 and 56.
LN 3 GN R324 ²	4(g)(ii); 10 (g)(ii); 12(g)(i); 14(ii)(a)(c)(g)(ii)(bb)(ff); 18 (g)(bb)(ee) and 23(ii)(a)(c)(g)(i).

7 Conclusion

The grid interconnection, switching station and access road will have limited impact on the surrounding environment. **Identified impacts can be mitigated to acceptable levels and are generally of low significance.** In addition, the proposed OHPL is within an existing reserve for most part and follows the existing grid connection transmission route of the Eskom Hydra-Bushbuck 132 kV Line. The majority of potential impacts identified to be associated with the construction and operation of the proposed development infrastructure are anticipated to be localised and restricted to the proposed site.

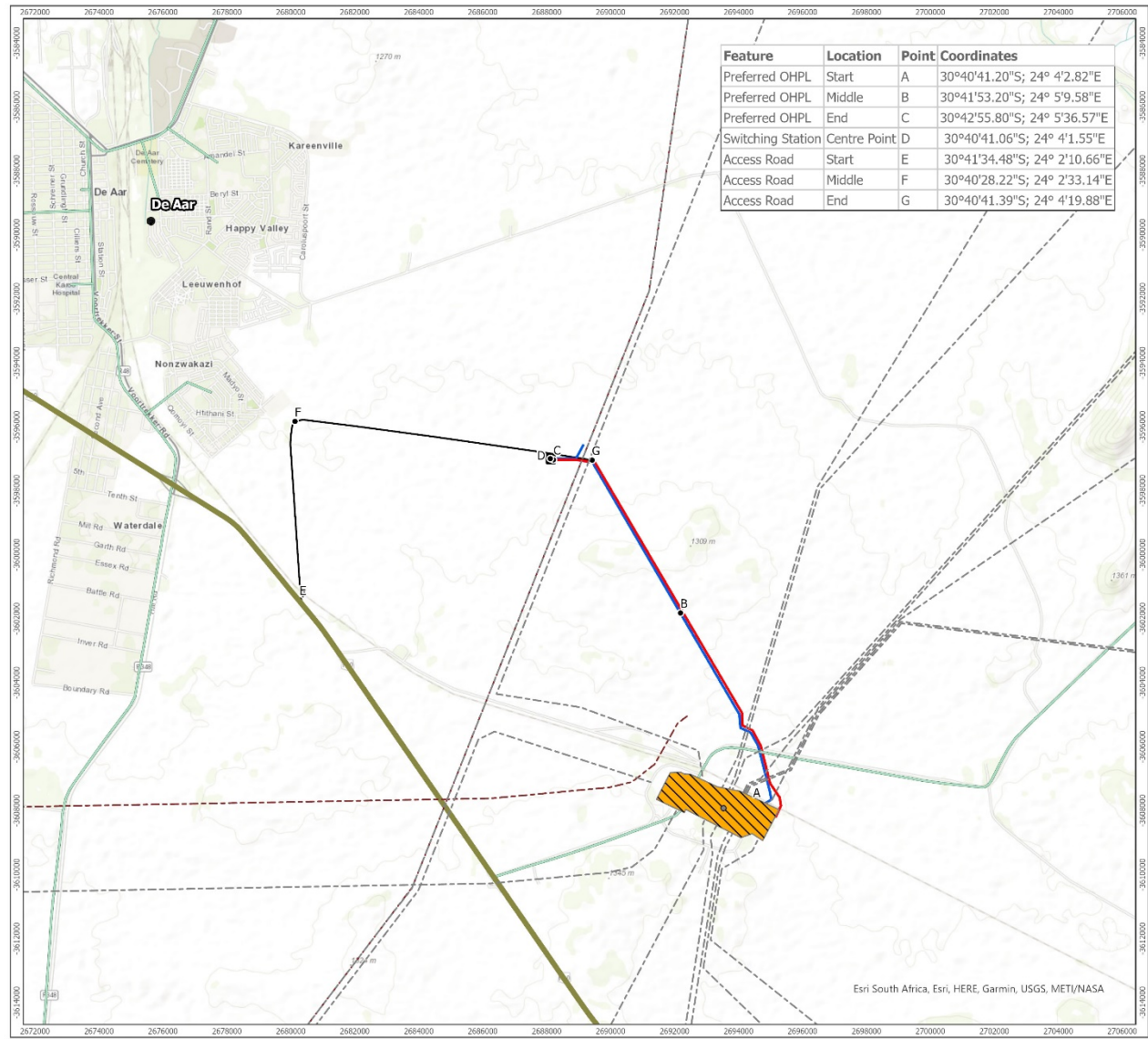
The potentially sensitive areas / environmental features that have been identified include:

- Sensitive vegetation;
- Bird species of conservation concern.

It is the opinion of the EAP that the proposed Mulilo Total Hydra Storage Grid Interconnection project, including switching station and access road can be authorised, subject to the implementation of the required mitigation measures and subject to conditions contained in the Environmental Management Programme.

¹ "Listing Notice 1 of the EIA Regulations, promulgated under Government Notice R983 of 4 December 2014, as amended by Government Notice R327 of 7 April 2017."

² "Listing Notice 3 of the EIA Regulations, promulgated under Government Notice R985 of 4 December 2014, as amended by Government Notice R324 of 7 April 2017."



Town

- De Aar

Roads

- Other_Roads
- N10_merge

Eskom Infrastructure

- 400kV Hydra B
- Hydra_substation
- Existing_eskom_lines
- Planned_eskom_lines

Proposed Development

- Development Points of Interest
- Preferred Route - 132kV
- Hydra-Bushbuck Restring Route 132kV
- Access Road
- Switching Station

1:50 000 Scale @ A3

0 1 2 km

Produced By: AVH Ref: 4194-REP-001
 Checked By: AB Date: 2021/03/05

**Development Co-Ordinates
 Figure i**

**Mulilo Total Hydra
 Storage Project: Grid Connection
 Basic Assessment**

APPENDIX C4: INITIAL NOTIFICATION DELIVERY PROOF

Arcus Reference : 4194 Mulilo Total Hydra Storage Project: Grid Interconnection
Person : Ashleigh von der Heyden
Email : deaar@arcusconsulting.co.za
Post Address : Office 607 Cube Workspace, Icon Building, Cnr Long Street and Hans Strijdom Avenue, Cape Town, 8001
Telephone : +27 21 412 1529

Note: Due to the National COVID-19 Pandemic, measures will be put in place when the Draft Report is available for public review in hard copy.

Thank You

Ashleigh von der Heyden
Senior Environmental Assessment Practitioner

Tel: +27 (0) 21 412 1529
Cell: +27 (0) 79 895 1456
Email: AshleighvdH@arcusconsulting.co.za

Arcus
Office 607 Cube Workspace
Cnr Long Street and Hans Strijdom Ave
Cape Town
8001

www.arcusconsulting.co.za



From: [De Aar](#)
To: [De Aar](#)
Bcc:
Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection
Date: Friday, March 12, 2021 8:39:00 AM
Attachments: [image001.png](#)
[4194_Mulilo_Total_Hydra_BID_v2-0_AVH_20200305.pdf](#)
[4194_Total_Hydra_Initial_Notification_ENGAFR_V2-0_20210305.pdf](#)
[image004.png](#)

Dear Stakeholders,

Project Title: The Proposed Mulilo Total Hydra Storage Project: Grid Interconnection and Associated Infrastructure, near De Aar in the Northern Cape

You have been identified as an **Stakeholder (or Interested and Affected Party)** for the Proposed Development, titled above, close to the town of De Aar in the Northern Cape Province. This notification is to inform you that the Applicant, Mulilo Total Hydra Storage (Pty) Ltd will be submitting an Environmental Authorisation applications via a Basic Assessment Process to the competent authority, the Department of Environment Forestry and Fisheries, for a decision.

Attached is an Initial Notification Letter and Background Information Document for the Proposed Development. Notification of submission of the Application Form and Draft Report will be sent to all registered Stakeholders The Draft Basic Assessment Report will be made available on the website: <https://arcusconsulting.co.za/projects/> and for public review and comment once submitted (exact date and location of availability of each application to be confirmed in notification to all registered stakeholders).

Should you wish to invite any other person to be registered as an I&AP, please submit their name, interest in the project, email and postal address and telephone number in writing to the below address:

Arcus Consultancy Services South Africa (Pty) Ltd
Arcus Reference : 4194 Mulilo Total Hydra Storage Project: Grid Interconnection
Person : Ashleigh von der Heyden
Email : deaar@arcusconsulting.co.za
Post Address : Office 607 Cube Workspace, Icon Building, Cnr Long Street and Hans Strijdom Avenue, Cape Town, 8001
Telephone : +27 21 412 1529

Note: Due to the National COVID-19 Pandemic, measures will be put in place when the Draft Report is available for public review in hard copy.

Thank You

Ashleigh von der Heyden
Senior Environmental Assessment Practitioner

Tel: +27 (0) 21 412 1529
Cell: +27 (0) 79 895 1456
Email: AshleighvdH@arcusconsulting.co.za

Arcus

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Cnr Long Street and Hans Strijdom Ave
Cape Town
8001

www.arcusconsulting.co.za



APPENDIX C5: STAKEHOLDER DATABASE (DRAFT BAR)

Name	Designation	Organisation
Organs of State: National Governance		
Mr Shonisani Munzhedzi	Deputy Director: General Biodiversity and Conservation	National Department of Environmental Affairs, Fisheries and Forestry (DEFF)
Ms Ezrahe Essop	Case Officer	National Department of Environmental Affairs, Fisheries and Forestry (DEFF)
Mr Lerato Mokoena	Case Officer	National Department of Environmental Affairs, Fisheries and Forestry (DEFF)
Mr Seoka Lekota	Directorate: Biodiversity and Conservation	National Department of Environmental Affairs, Fisheries and Forestry (DEFF)
Ms Portia Makitla	Directorate: Biodiversity and Conservation	National Department of Environmental Affairs, Fisheries and Forestry (DEFF)
Stanley Tshitwamulomoni	Chief Directorate: Biodiversity Section	National Department of Environmental Affairs, Fisheries and Forestry (DEFF)
Ms Ernest Mokganedi	Chief Directorate: Protected Areas Expansion Unit	National Department of Environmental Affairs, Fisheries and Forestry (DEFF)
Pheladi Masipa	Acting Project Manager: Renewable Energy Initiatives	Department of Energy (DoE)
Mrs SP Mokeule	Northern Cape Regional Energy Director	Department of Energy (DoE)
Sunday Mabaso	Regional Manager	Department of Mineral Resources and Energy (DMRE)
Nozizwe Makgalemele	Deputy Director General Spatial Land Use and Management	Department of Rural Development and Land Reform (DRDLR)
Mangalane Du Toit	Chief Director: Land Restitution Support	Department of Rural Development and Land Reform (DRDLR)
Jacoline Mans	Chief Forester: NFA Regulation	Department of Agriculture, Forestry and Fisheries: Directorate (DAFF)
Mashudu Marubini	Delegate to the Minister	Department of Agriculture, Forestry and Fisheries: Directorate (DAFF)
Thoko Buthelezi	Administration Clerk: National Office	Department of Agriculture, Forestry and Fisheries: Directorate (DAFF)
Ms R L Bosoga	Department of Agriculture, Land and Soil Management: National Land Care Secretariat	Department of Agriculture, Forestry and Fisheries: Directorate (DAFF)
Mr Shaun Cloete	Deputy Director Lower Orange WMA	Department of Human Settlements, Water and Sanitation (DHSWS)
Kobus Streuders	Northern Cape Regional Office	Department of Human Settlements, Water and Sanitation (DHSWS)
S Manamathela		Department of Human Settlements, Water and Sanitation (DHSWS)
Moses Mahunonyane	Director Institutional Establishment	Department of Human Settlements, Water and Sanitation (DHSWS)
Ntombizanele Feni	Kimberly Division	Department of Human Settlements, Water and Sanitation (DHSWS)
Lerato Mokhoantle	Kimberly Divison	Department of Human Settlements, Water and Sanitation (DHSWS)
Gawie van Dyk	Kimberly Divison	Department of Human Settlements, Water and Sanitation (DHSWS)
Mashudu Kgaphola	Upington Division	Department of Human Settlements, Water and Sanitation (DHSWS)
Alexia Hlengani	Upington Division	Department of Human Settlements, Water and Sanitation (DHSWS)
Natasha Higgitt		South African Heritage Resources Agency (SAHRA)
Nicole Abrahams		South African National Roads Agency Limited (SANRAL)
Amanda Mboniswa		South African National Roads Agency Limited (SANRAL)
R. C. Barlow		Department of Transport (DoT)
Dr. Adrian Tiplady		Square Kilometer Array (SKA)
Project co-ordinator	South Africa Project Office	Square Kilometer Array (SKA)

Lizel Stroh	Inspector of Obstacles (Solar and Windfarms)	South African Civil Aviation Authority (CAA)
Evelyn Shogole	Environmental Specialist	South African Civil Aviation Authority (CAA)
Lt. Col. Kebasenoszi Zondi	S01 Military Intergrated Environmental Management (MIEM) Governance	South African Department of Defence
John Geeringh / Debbie Hardin		Eskom SOC Limited
Henk Wydeman		Eskom SOC Limited
Nomzamo Mduyvelwa	Northern Cape Operating Unit, Land and Rights Officer	Eskom SOC Limited
Annelize Harmse		Transnet SOC Ltd
Khethelo Mhlanga		Transnet SOC Ltd
Mr Rabelani Mudau		Transnet SOC Ltd
Mr Ezekiel Monyamane	Transnet Freight Rail, the Senior Manager : Environmental Sustainability,	Transnet SOC Ltd
South African National Biodiversity Institute (SANBI)		NPAES
Organs of State: Provincial Governance		
Mr Bryan Fisher	Director: Environmental Quality Management	Northern Cape Department of Environmental and Nature Conservation (DENC)
Mrs Judy Scholtz	Personal Assistant to Mr Fisher	Northern Cape Department of Environmental and Nature Conservation (DENC)
Elsabe Swart		Northern Cape Department of Environmental and Nature Conservation (DENC)
Peter Cloete	Research Development Officer	Northern Cape Department of Environmental and Nature Conservation (DENC)
Mr Dineo Moleko	Assistant Director: Impact Management	Northern Cape Department of Agriculture, Environmental Affairs, Rural Development and Land Reform
Babalwa Mbobo	Deputy Director: Renewable Energy	Northern Cape Economic Development Agency
Andrew Timothy	Heritage Officer	Northern Cape Heritage Resources Agency
Ms R K Cwangae	Senior Admin	Northern Cape Heritage Resources Agency
Ms Martha Bartlett		Northern Cape Department of Transport, Safety and Liaison
Mr Moeketsi Dichaba	Head of Department	Northern Cape Department of Transport, Safety and Liaison
Menelisi Sithole		Northern Cape Department of Roads and Public Works
Jaco Roelofse	Director: Roads	Northern Cape Department of Roads and Public Works
Non-Government Organisations and Non-Profit Organisations		
Lourens Leeuwner	Wildlife and Energy programme	Endangered Wildlife Trust
Constant Hoogstad		Endangered Wildlife Trust
Gareth Tate		Endangered Wildlife Trust
Samantha Ralston-Paton	Birds and Renewable Energy Manager	BirdLife South Africa
Tania Anderson	Conservation Officer	Wildlife and Environment Society of South Africa (WESSA)
Northern Cape Municipalities		
Mr Isak Visser	Municipal Manger	Emthanjeni Local Municipality
		Emthanjeni Local Municipality
Humbulani Muhangane	Pixley Ka Seme: Official	Pixley ka Seme District Municipality
Colleen Smuts	Admin Clerk	Pixley Ka Seme, Siyanda and Kgalagadi District Municipality

Mr RE Pieterse		Pixley ka Seme District Municipality
Me LE Andrews		Ward Councillor (Ward 6) - Emthanjeni Municipality
Me P D van Wyk		Ward Councillor (Ward 4) - Emthanjeni Municipality
		Ward Councillor
Directly Affected Landowners		
Mr Jan Sauer Lambrechts	Farm De Aar 180, Portion 1	De Aar Stone Crushers
Ms Renate Lambrechts and Mr Mafrede Lambrechts and Mr George Lambrechts	Farm De Aar 180, Portion 1	De Aar Stone Crushers
Henry Dumont	Farm De Aar 180, Portion 55	Transnet SOC Ltd
Jacobus Johannes Pienaar	Farm De Aar 180, Portion 56	Eskom Holdings Ltd
	Farm Wag 'n Bietjie Annex C 137, Portion 1	Eskom Holdings Ltd
	Farm Wag 'n Bietjie 5, Portion 3	Eskom Holdings Ltd
Henk Wydeman	Farm Hydra 144, Remaining Extent	Eskom Holdings Ltd
Jan Pienaar	Farm Vetlaagte 4, Remaining Extent	L D P BOERDERY PTY LTD
Indirectly Affected Landowners		
Willem Jacobus Van Der Merwe		Lemoenkloof (Farm Ebenezer (Farm 180 portion 4)) Adjacent landowner
Mr Taljaard	Farm De Aar 108, Portion 5	Municipality De Aar
Mr Taljaard	Farm De Aar 108, Portion 6	Municipality De Aar
Mr Taljaard	Farm De Aar 108, Portion 9	Municipality De Aar
	Farm Wag 'n Bietjie Annex B 139, Remaining Extent	Unknown
Bletterman Trust	Farm De Aar 108, Portion 2	
Jan Pienaar	Farm Vetlaagte 4, Remaining Extent	L D P BOERDERY PTY LTD
Barend Jacobus Van Der Merwe	Farm Wag 'n Bietjie Annex C 137, Remaining Extent	
Jan Pienaar	Farm Vetlaagte 4, Portion 1	L D P BOERDERY PTY LTD
	Farm Wagt en Bittje 5, Portion 1	Transnet SOC Ltd
Barend Jacobus Van Der Merwe	Farm Wagt en Bittje 5, Remaining Extent	
General Stakeholders		
Liso Thomas		De Aar Public Library
Leonard Shaw	Telkom	Telkom
JP. Theron		JP. Theron
Jan Andries Venter		Vendussie Kuil
Arnold Pansi		Potties B&B
Andre Theron		De Aar Agri
Adam Treki		Adam Treki
Kobus Rust		Public Recipient
WSO Marais (Sterrie)		Nuwejaarsfontein
Anoulize Strydom		CMO Grondverskuiwing en Algemene konstruksie (PTY) LTD

APPENDIX C6.1: INITIAL COMMENTS AND RESPONSES (DRAFT BAR)

Table 4.1: Comments and Responses Table

Ref	Name and Organisation	Date and Method	Phase of PPP	Comment	Response
1	Natasha Higgitt SAHRA	12 March 2021 E-mail	Initial Phase	<p>From: Natasha Higgitt Sent: Friday, 12 March 2021 08:24 AM To: De Aar Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Please note that all development applications are processed via our online portal, the South African Heritage Resources Information System (SAHRIS) found at the following link: http://sahra.org.za/sahris/. We do not accept emailed, posted, hardcopy, faxed, website links or DropBox links as official submissions.</p> <p>Please create an application on SAHRIS and upload all documents pertaining to the Environmental Authorisation Application Process. As per section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA), an assessment of heritage resources must form part of the process and the assessment must comply with section 38(3) of the NHRA.</p> <p>Once all documents including all appendices are uploaded to the case application, please ensure that the status of the case is changed from DRAFT to SUBMITTED. Please ensure that all documents produced as part of the EA process are submitted as part of the application</p>	<p>From: De Aar Sent: Friday, 16 March 2021 07:55 AM To: Natasha Higgitt Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Dear Natasha,</p> <p>Thank you for your email. This is noted.</p> <p>Ashleigh von der Heyden</p>

2	<p>John Geeringh</p> <p>Eskom Transmission Division</p>	<p>15 March 2021</p> <p>E-mail</p>	<p>Initial Phase</p>	<p>From: John Geeringh Sent: Monday, 15 March 2021 09:34 To: De Aar Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Please send me a KMZ file that shows the proposed infrastructure. Please find attached Eskom general requirements for works at or near Eskom infrastructure and servitudes.</p> <p>Kind Regards</p>	<p>From: De Aar Sent: Tuesday, 16 March 2021 08:00 To: John Geeringh Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Dear John,</p> <p>Please see attached as per your request.</p> <p>Kind Regards</p>
3	<p>Aulicia Maifo</p> <p>DEFF Directorate: Biodiversity Conservation</p>	<p>15 March 2021</p> <p>E-mail</p>	<p>Initial Phase</p>	<p>From: Aulicia Maifo Sent: Monday, 15 March 2021 09:58 To: De Aar Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Good morning Sir/Madam</p> <p>Hope you are well.</p> <p>DEFF Directorate: Biodiversity Conservation hereby acknowledge receipt of the invitation to review and comment on the Draft Basic Assessment Report for the Proposed Mulilo Total Hydra Storage Project. Kindly note that the project has been allocated to the officers, Ms. Mmatlala Rabothata and Ms. Tsholofelo Sekonko (both copied on this email).</p> <p>Please note that all Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries must be submitted to the Directorate: Biodiversity Conservation at Email: BCAdmin@environment.gov.za for attention of Mr Seoka Lekota</p>	<p>From: De Aar Sent: Tuesday, 16 March 2021 08:05 To: Aulicia Maifo Subject: Initial Notification: Mulilo Total Hydra Storage Project: Grid Interconnection</p> <p>Good Morning,</p> <p>Thank you for your email. Your instruction is noted and will be duly followed.</p> <p>Kind Regards</p>