

# NOTICE OF AN ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

## DEVELOPMENT OF THE MUTSHO POWER PROJECT AND ASSOCIATED INFRASTRUCTURE NEAR MAKHADO (LOUIS TRICHARDT) LIMPOPO PROVINCE

**Project Name:** Mutsho Power Project

**Applicant:** Mutsho Power (Pty) Ltd

**Proposed Activity:** The construction, and operation of a new 600MW baseload coal-fired power station and associated infrastructure, including:

- » Power generation units utilising Pulverised Coal (PC) (with Flue Gas Desulphurisation (FGD)), or Circulating Fluidised Bed (CFB) boiler technology.
- » Dry cooling methods.
- » Dry ash disposal.
- » Coal to be sourced from the Makhado Colliery, to be developed approximately 20km south-east of the project site and transported to site either via a new 22km rail loop, proposed for development between Makhado Mine and the existing Huntleigh railway siding, or via road transport.

**Project Location:** Two properties have been identified for the development of the proposed project:

- » Remainder of the Farm Du Toit No. 563
- » Remainder of the Farm Vrienden No. 589

The possibility exists that the proposed project may be developed in its entirety on either of the abovementioned properties, or alternatively portions of the project may be developed on both. The properties are approximately 7km south-west of Mopane and approximately 20km north-west of the Makhado Colliery, in the Musina Local Municipality, of Vhembe District, Limpopo Province.

**Application for Environmental Authorisation:** An Integrated Application for Environmental Authorisation (EA) in terms of the National Environmental Management Act (No. 107 of 1998) (NEMA) and a Waste Management License (WML) in terms of the National Environmental Management: Waste Act (No. 59 of 2009) is being undertaken for the project. A full Scoping and Environmental Impact Assessment (S&EIA) process is required in support of this application process. The S&EIA process will support future applications for an Atmospheric Emission License (AEL) in terms of the National Environmental Management: Air Quality Act (No. 39 of 2004) (NEM:AQA), and Water Use License (WUL) in terms of the National Water Act (No. 36 of 1998) (NWA).

**Public Involvement Process:** Savannah Environmental (Pty) Ltd is undertaking the EIA, WML, and Public Participation processes. To obtain further information on the project and to register on the project database, please submit your name, contact information and interest in the project, in writing, to Savannah Environmental:

**Gabriele Stein of Savannah Environmental**

Post: P.O. Box 148, Sunninghill, 2157

Johannesburg

Tel: 011 656 3237

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# NDIVHADZO YA YA NDIINGO DZI KWAMAHO MUPO

## MVELEDZISO YA THANDELA YA MUTSHO POWER NA ZWINE ZWIFHATO TSINI NA MAKHADO (LOUIS TRICHARDT) VUNḐUNI ḐA LIMPOPO

**Dzina la thandela:** Mutsho Power Project

**Khumbelo Nga:** Mutsho Power (Pty) Ltd

**Zwitenwa zwo themendelwaho:** U fhata na u shumiswa ha tshititshi tsha mudagasi wa malasha wa 600MW na zwinwe zwifhato, zwikatelaho na zwitevhelaho:

- » U bveledza mudagasi hu tshi khou shumiswa thekholodzhi ya Pulverised Coal (PC) kana Circulating Fluidised Bed (CFB).
- » Dry cooling methods.
- » U latiwa ha milora yo omaho
- » Malasha ado waniwa mugodini wa Makhado Colliery, une wa do bveledziswa khilomithara dzi 20 u vha 20 tshipembe-vhubvaḑvha. Malasha a ḑo endedzwa kha saiti hu tshi shumiswa tshidimela tshiswa tsha khilomithara dza 22, tsho themendelwaho uri tshi bveledzwe vhukati ha Mugodi wa Malasha wa Makhado na tshiporo tsha tshidimela tshi re hone tsha Huntleigh, kana hu tshi shumiswa zwiendadzi zwa dzibada.

**Vhupo ha thandela:** Huna bulasi mbili dzo vheiwaho ito u bveledzisa thandela heyi khadzo:

- » Bulasi ino pfi Du Toit No. 563
- » Bulasi ino pfi Vrienden No. 589

Hu na khonadzeo ya uri Thandela yo themendelwaho i nga bveledzwa yoṑhe kha iṑwe ya dzibulasi zwo dzo bulwaho afho nṑha, kana zwipiḑa zwa Thandela zwa bveledzwa khadzo nga mbili. Bulasi dzi khilomithara dza 7 tshipembe-vhubvaduvha ha Mopane na khilomithara dzi 20 u vha 20 devhula-vhukovhela ha Mugodi wa malasha wa Makhado, kha Masipalawapo wa Musina, Tshixirikini tsha Vhembe, kha Vunḑu Ḑa Limpopo.

**Khumbelo ya Thendelo ya Mupo:** Khumbelo ya thodea dza Thendelo ya Mupo I khou itiwa uya nga ha Mulayo wa u Langa Mupo (NEMA No. 107 of 1998) na laisentsi ya u Langa Tshika, zwi tshi itelwa thandela heyi. Ndingo dza Mupo dzia todea hu tshi itwa khumbelo dza thodea dza Thendelo ya Mupo. Hedzi Ndingo dza Mupo dzi do dovha hafhu dza thusa hu tshi itiwa khumbelo dza laisentsi ya u Fhalala ha Dzingamufhe na laisentsi ya u Shumisa Maḑi.

**Maitele a u shela mulenzhe ha tshitshavha:** Tshiimiswa tsha Savannah Environmental ndi tshone tshi khou itaho Ndingo dza Mupo na u vhona uri tshitshavha tshi kone u shela mulenzhe. U kona u wana mafhungo nga vhudalo nga ha Thandela na udi nwalisa kha dathabeisi, vha nga rumela zwidombbedzwa (Dzina, uri vhanga kwamiwa hani na uri dzangalelo lavho kha Thandela ndi lifhio) zwavho ng auto nwalela vha tshiimiswa tsha Savannah Environmental kha adiresi ire afho fhasi:

**Gabriele Stein of Savannah Environmental**

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**Proof of Site Notices (placed 25 July 2017 and 26 July 2017)**

Farm Du Toit 563





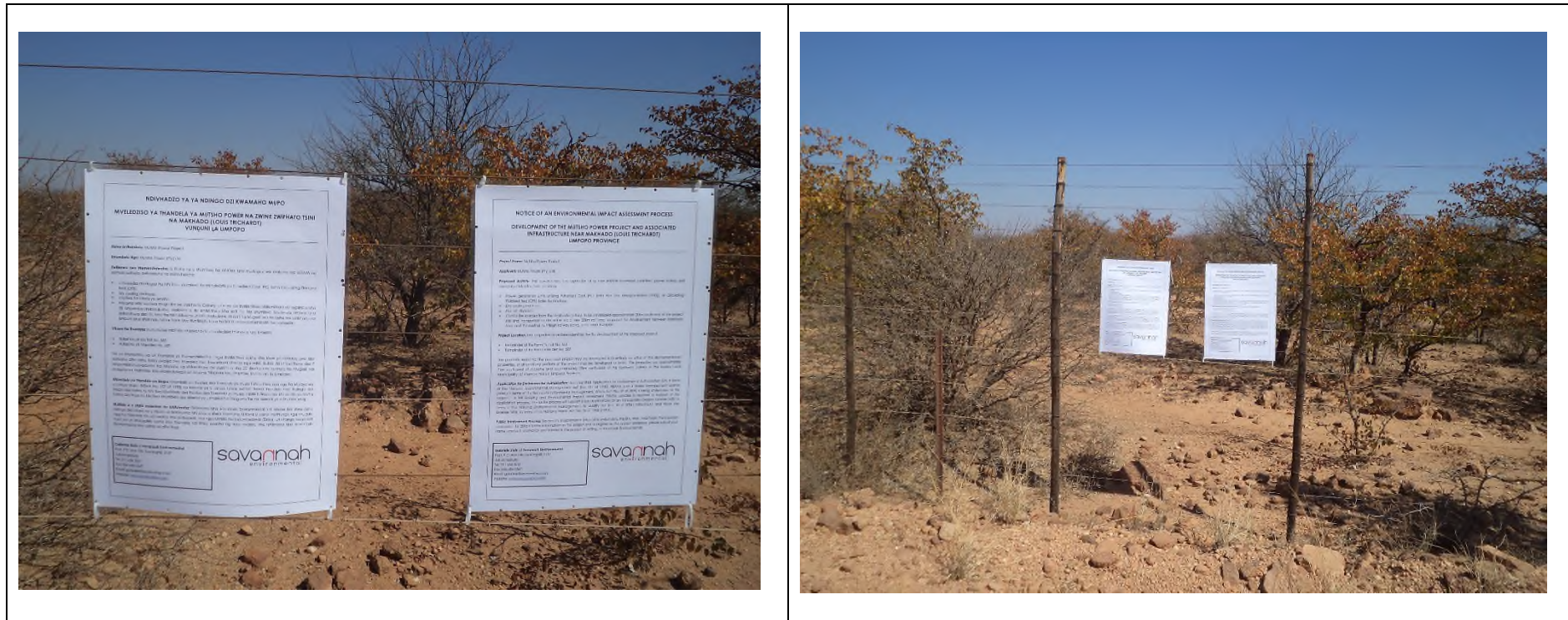




Figure 1: Site Notice placed on the farm boundary of the Farm Du Toit 563 (22° 40' 56.3" S; 29° 48' 32.8" E).



Farm Vrienden 589







**Figure 2: Site notice placed on the farm boundary of the Farm Vrienden 589 (22° 41' 17" S; 29° 48' 24.5" E).**



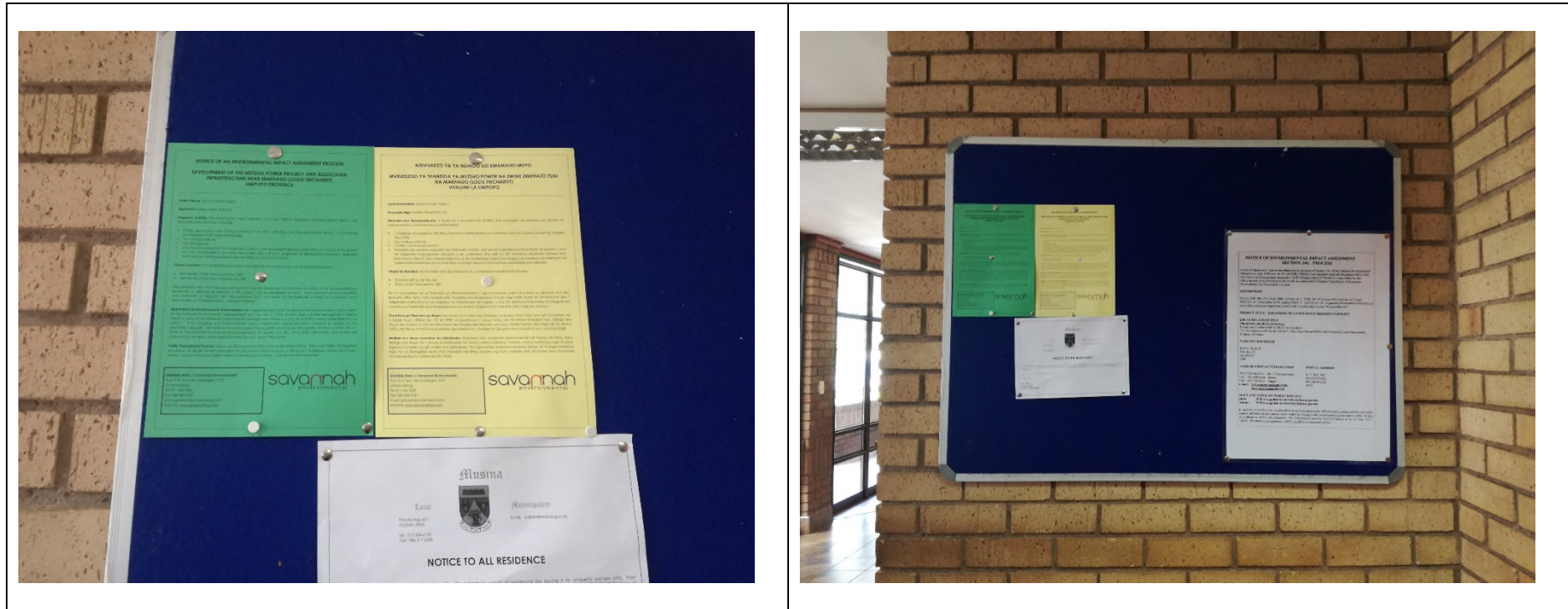


Figure 3: Notices placed on the notice board of the Musina Local Municipality.



Figure 4: Notices placed at the entrance to the Makhado Local Municipality.

# NOTICE OF AN ENVIRONMENTAL IMPACT ASSESSMENT (EIA) AND PUBLIC PARTICIPATION PROCESS FOR THE DEVELOPMENT OF THE MUTSHO POWER PROJECT AND ASSOCIATED INFRASTRUCTURE ON A SITE NEAR MAKHADO (LOUIS TRICHARDT), LIMPOPO PROVINCE

**Project Name:** Mutsho Power Project

**Applicant:** Mutsho Power (Pty) Ltd

**Proposed Activity:** The construction, and operation of a baseload coal-fired combustion power station and associated infrastructure, including:

- » Power station development footprint of approximately 350ha in extent.
- » Power station with a contracted capacity of up to 600MW.
- » Power generation units utilising Supercritical (SC) Circulating Fluidised Bed (CFB) Boiler Technology.
- » Direct dry (i.e. air) cooling methods.
- » Dry ash disposal methods.
- » Zero Liquid Effluent Discharge (ZLED) facility.
- » Coal to be sourced from Makhado Colliery, to be developed approximately 20km south-east of the project site, and transferred to site via road or rail.

**Project Location:** Remainder of the Farm Du Toit 563 and Remainder of the Farm Vrienden 589, located approximately 43km south of Musina and 40km north of Makhado (Louis Trichardt), in the Musina Local Municipality, Vhembe District, Limpopo Province.

**EIA Process:** An Integrated Application for Environmental Authorisation (EA) and a Waste Management License (WML) has been prepared for the project. A full Scoping and Environmental Impact Assessment (S&EIA) process is required to obtain EA in accordance with the National Environmental Management Act (No. 107 of 1998) (NEMA), and 2014 EIA Regulations (GNR 326); and a WML in accordance with the National Environmental Management: Waste Act (No. 59 of 2009) (NEM:WA), and the List of Waste Management Activities (GNR 921). The S&EIA process is also being undertaken in support of future applications for an Atmospheric Emissions License (AEL) required under the National Environmental Management: Air Quality Act (No. 39 of 2004) (NEM:AQA), and the List of Activities resulting in Atmospheric Emissions (GNR 893); and a Water Use License (WUL) required under the National Water Act (No. 36 of 1998) (NWA), and the Regulations Regarding the Procedural Requirements for Water Use License Application and Appeals (GNR 267).

**EIA Report Available for Review:** An EIA Report is available for review and comment. The report is available at the Musina-Nancefield Public Library (3 Ralph Small Street, Nancefield), the Louis Trichardt Public Library (Erasmus Street, Louis Trichardt), and the Makhado Centre of Learning (Tanga Farm, along D745) from **13 April 2018 – 15 May 2018**. The report is also available for download on [www.savannahsa.com](http://www.savannahsa.com). The due date for written comment is **15 May 2018**.

**Notice of Open House:** All Interested and Affected Parties (I&APs) are invited to attend an open house to be held on Thursday, **03 May 2018 from 14:00 to 17:00** at the Louis Trichardt Public Library (Erasmus Street, Louis Trichardt).

Please submit comments, in writing, to Savannah Environmental:

**Gabriele Stein** of Savannah Environmental

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