

NOTICE OF APPLICATION FOR AN ENVIRONMENTAL IMPACT ASSESSMENT AUTHORISATION, MINING RIGHT AND WATER USE LICENSE

INTRODUCTION

Notice is hereby given that an application for environmental authorisation in terms of the environmental impact assessment (EIA) Regulations of 2010 (regulations in terms of chapter 5 of the National Environmental Management Act no 107 of 1998, as amended (NEMA) has been lodged with the Mpumalanga: Department of Economic Development Environment and Tourism (DEDET), an application for a mining right in terms of the section 22 of the Mineral and Petroleum Resources Development Act no 28 of 2002 (MPRDA) has been lodged with the Mpumalanga Department of Mineral Resources (DMR), and an application for an integrated water use license (IWULA) in terms of section 21 of the National Water Act no 36 of 1998 (NWA) will be lodged with the Mpumalanga Department of Water Affairs (DWA).

APPLICANT NAME

Ngululu Resources Pty Ltd

PROJECT NAME

Ngululu Resources proposes to mine coal on portions 26, 46 and 47 of the farm Droogenfontein 242 IR.

LOCATION OF PROPOSED ACTIVITIES

Portions 26, 46 and 47 of the farm Droogenfontein 242 IR. Refer to the locality map below.

MINING RIGHT REF NR

MP30/5/1/1/2/10076MR

EIA REF NR

17/2/3N-312

DESCRIPTION OF PROPOSED PROJECT

Ngululu Resources proposes an opencast coal mine with an estimated life of mine of 20 years, planned on portions 26, 46 and 47 of the farm Droogefontein 242 IR. The proposed site with corresponding farm portions is approximately 15km south-west of Delmas Town in the Victor Kanye Local Municipality (VKLM), as part of the Nkangala District Municipality (NDM), Mpumalanga Province.

Currently there are no mining activities taking place on the proposed site. Ngululu Resources holds the prospecting rights on portions 26, 46 and 47 of the farm Droogenfontein 242 IR under the prospecting permit MP 11645 PR. Ngululu Resources does not currently own the surface right of these portions.

The whole of portion 26 will be exploited through an opencast boxcut to gain access to the seams. The first 3 months will be dedicated to stripping and storing of topsoil and the establishment of stormwater diversion channels to ensure compliance with GN 704 of 4 June 1999.

It is envisaged that all waste rock and overburden shall be used to backfill the open pit. There will likely be a waste rock dump (WRD) during operation adjacent to the open pit. This WRD location, operation and backfilling sequence must still be finalised. This design will further include the WRD capacity, specifications, location, characterisation and classification and the development of a code of practice for the management of the WRD.

Due to the small size of portion 26 Ngululu Resources have decided not to establish a beneficiation plant but to consult with the surrounding mines in the area to wash and screen the coal.

There will be no permanent general and hazardous waste disposal facilities. General waste shall be stored (temporarily) in waste containers and disposed at a licensed waste disposal area. Hazardous waste generated by the mine shall be collected by a waste contractor and disposed of at appropriately licensed hazardous waste disposal facilities.

There is an existing access road to the proposed site. Internal roads will likely be constructed between the open pit and support services.

According to the mining works programme (MWP), a pollution control dam is required. It is currently anticipated that this dam will be required for the collection of runoff water from affected areas.

Stormwater management measures will be constructed to separate clean and affected water, and to comply with the requirements of GN704 of 4 June 1999. Areas of focus will include the open pit, the stockpile areas and vehicle maintenance areas.

It is envisaged that chemical toilets or a septic tank system will be utilised.

Potable water maybe transported to the site from outside sources, but could also be obtained from a borehole to be located on site. Potable water tanks will be located on the site.

The following infrastructure is anticipated:

- Crusher,
- Waste rock dump,
- Bulk diesel and oil storage facilities,
- Workshop(s),
- Admin offices and security offices for access control,
- Septic tank system,
- Substation,
- Pollution control dam,
- Coal stockyard,
- Administrative building,
- Change-house, and
- Weighbridge.

EIA ACTIVITIES APPLIED FOR

The activity requires an application subject to a Scoping and EIA Process as required by sections 26 to 35 of GNR. 543 of the EIA Regulations of 2010.

Number and date of the relevant notice:	Activity No (s) (in terms of the relevant notice) :	Listed activity as per the detailed project description
No. R, 544 18 June 2010	9	<p><u>Project Description</u> Construction of return water pipelines delivering return water from the affected areas to the return water dam with a combined throughput of more than 120ℓ per second.</p> <p><u>Listed activity</u> The construction of facilities or infrastructure exceeding 1000 metres in length for the bulk transportation of water, sewage or storm water - (i) with an internal diameter of 0,36 metres or more; or (ii) with a peak throughput of 120 litres per second or more, excluding where: a. such facilities or infrastructure are for bulk transportation of water, sewage or storm water or storm water drainage inside a road reserve; or b. where such construction will occur within urban areas but further than 32 metres from a watercourse, measured from the edge of the watercourse.</p>
No. R, 544 18 June 2010	11	<p><u>Project Description</u> Construction of a return water dam within 32metres of a watercourse (Wetland).</p> <p><u>Listed activity</u> The construction of: (i) dams where such construction occurs within a watercourse or within 32 meters of a</p>

Number and date of the relevant notice:	Activity No (s) (in terms of the relevant notice) :	Listed activity as per the detailed project description
		watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.
No. R, 544 18 June 2010	12	<p><u>Project Description</u> Storage of clean water on site for potable use.</p> <p><u>Listed activity</u> The construction of facilities or infrastructure for the off-stream storage of water, including dams and reservoirs, with a combined capacity of 50 000 cubic meters or more, unless such storage falls within the ambit of activity 19 of Notice 545 of 2010.</p>
No. R, 544 18 June 2010	13	<p><u>Project Description</u> Construction of diesel storage facility with the capacity above 80 but less than 500 cubic metres</p> <p><u>Listed activity</u> The construction of facilities or infrastructure for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of 80 but not exceeding 500 cubic metres;</p>
No. R, 544 18 June 2010	22	<p><u>Project Description</u> Construction of haul and internal access roads.</p> <p><u>Listed activity</u> The construction of a road, outside urban areas, (i) with a reserve wider than 13,5 meters or, (ii) where no reserve exists where the road is wider than 8 metres, or (iii) for which an environmental authorisation was obtained for the route determination in terms of activity 5 in Government Notice 387 of 2006 or activity 18 in Notice 545 of 2010.</p>
No. R, 545 18 June 2010	5	<p><u>Project Description</u> The mine will require a water use license as the following water use activities will be triggered:</p> <ul style="list-style-type: none"> • Section 21 (a) for the extraction of water from boreholes (groundwater will be abstracted for use on the mine), • Section 21 (b) for storage of water on site (Storage of clean water on site), • Section 21 (c) impeding or diverting flow of water in a watercourse (impeding or diverting the flow of water in wetland) • Section 21 (i) altering the bed, banks, course or characteristics of a watercourse (altering the bed, banks course or characteristics of a wetland) • Section 21 (g) disposing of waste in a manner which may detrimentally impact on a water resource (deposition of waste rock on a waste rock dump); • Section 21 (j) removing, discharging or disposing of water found underground if it is necessary for the efficient continuation of an activity or for the safety of people (dewatering of the pit for safe mining). <p><u>Listed activity</u> The construction of facilities for any process or activity which requires a permit or license in terms of national or provincial legislation governing the release of emissions, pollution or effluent and which is not identified in Notice No. 544 of 2010 or included in the list of waste management activities published in terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the Act will apply.</p>
No. R, 545 18 June 2010	15	<p><u>Project Description</u> Disturbance of more than 20 hectares of land for the establishment of a coal mine and associated infrastructure.</p> <p><u>Listed activity</u> Physical alteration of undeveloped, vacant or derelict land for residential,</p>

Number and date of the relevant notice:	Activity No (s) (in terms of the relevant notice) :	Listed activity as per the detailed project description
		retail, commercial, recreational, industrial or institutional use where the total area to be transformed is 20 hectares or more; except where such physical alteration takes place for: (i) linear development activities; or (ii) agriculture or afforestation where activity 16 in this Schedule will apply.
No. R, 546 18 June 2010	14	<p>Project Description The clearance of an area of 5 hectares or more for the establishment of a coal mine and associated infrastructure.</p> <p>Listed activity The clearance of an area of 5 hectares or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation, except where such removal of vegetation is required for:</p> <ol style="list-style-type: none"> (1) purposes of agriculture or afforestation inside areas identified in spatial instruments adopted by the competent authority for agriculture or afforestation purposes, (2) the undertaking of a process or activity included in the list of waste management activities published in terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the activity is regarded to be excluded from this list, <p>the undertaking of a linear activity falling below the thresholds in Notice 544 of 2010.</p>

EXPECTED WATER USE ACTIVITIES APPLIED FOR

The following activities constituting water uses under section 21 of the NWA no 36 of 1998 and will form part of the IWULA.

Section 21 (a)	Taking water from a water resource.
Section 21 (b)	Storage of clean water.
Section 21 (c)	impeding or diverting the flow of water in a watercourse;
Section 21 (i)	altering the bed, banks, course or characteristics of a watercourse;
Section 21 (g)	disposing of waste in a manner which may detrimentally impact on a water resource;
Section 21 (j)	removing, discharging or disposing of water found underground if it is necessary for the efficient continuation of an activity or for the safety of people; and

SCOPE OF PROJECT

The EIA process will include:

- Submission of EIA application forms to MDEDET (Completed).
- Consultation with Interested and Affected Parties (I&APs).
- Submission of scoping report to MDEDET following consultation with I&APs.
- Compilation and submission of an EIA report and Environmental Management Plan (EMP) to MDEDET following consultation with I&APs.

The mining right application will include:

- Submission of mining right application
- Submission of scoping report to DMR 30 days from DMR date of application acceptance (completed).
- Consultation with I&APs.
- Compilation of an EMP (to be submitted to DMR on or before January 2014)

The WULA process will include:

- Completion and submission of license forms to DWA.
- Consultation with I&APs.
- Compilation and submission of an IWULA technical report to DWA.

All three applications will include the required consultation process which will be undertaken combined for all three processes.

KEY DATES FOR CONSULTATION PROCESS

The project will be advertised in the Streek News/Nuus on the 30th October 2013; followed by comments period which will end on the 30th November 2013. A report addressing all comments and concerns will be compiled and attached as an addendum to the reports.

INVITATION TO PARTICIPATE

Should you wish to be included in the register of I&APs or comment on this application, please submit your name, contact information and interest by email, telephone fax or by post. A comment sheet is attached for completion please sends it to **the undersigned by no later than 30th November 2013**. You are also invited to our Public Meeting at the Delmas Agri Lapa on the **27th November 2013** (Stakeholders at 15:00 & Public at 17:00).

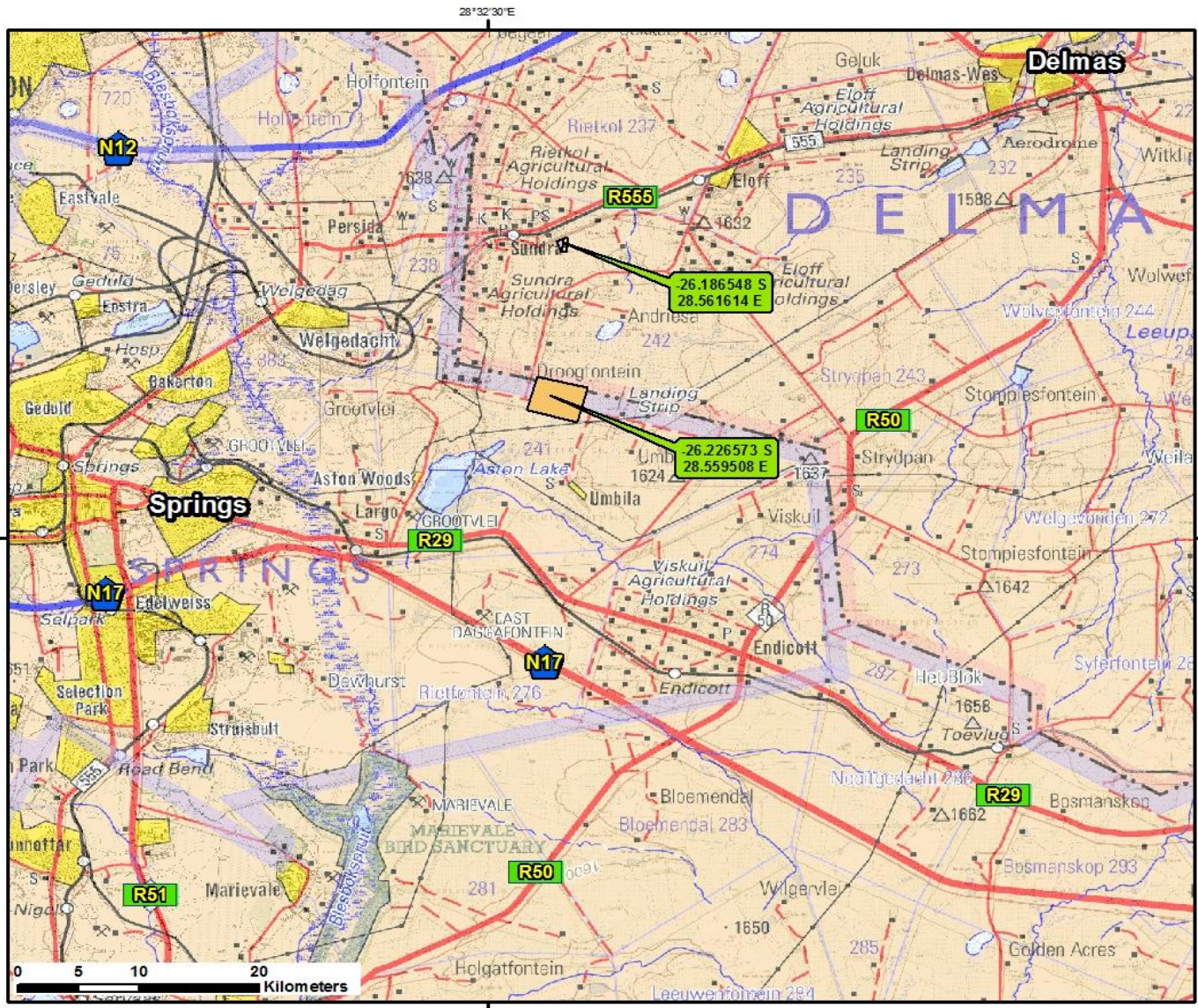
ENVIRONMENTAL ASSESSMENT PRACTITIONER

Shangoni Management Services (Pty) Ltd.
PO Box 74726, Lynnwood Ridge, Pretoria, 0040.

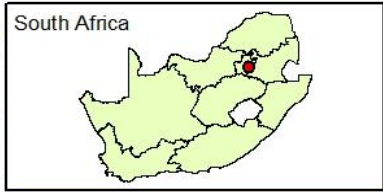
Contact Person: **Ms Nomkhosi Mohlahlo**

Tel: (012) 807 7036, Cell: 079 892 4930, Fax: (012) 807 1014, Fax to E-mail: 086 639 7956,

E-mail: khosi@shangoni.co.za, For online participation go to www.shangoni.co.za and click on Public Participation.



**Ngululu Resources
(Pty) Ltd.
Restigen
Locality**



Legend

- National roads
- Roads

**Drongefontein 242 IR
Portion**

- 26
- 46
- 47

Date: 2013/09/26
Coordinate System:
WGS 1984
Datum WGS 1984

SHANGONI
Management Services (Pty) Ltd

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Management Services (Pty) Ltd

**SCOPING AND ENVIRONMENTAL ASSESSMENT
REGISTRATION AND RESPONSE FORM FOR INTERESTED AND AFFECTED PARTIES**

DATE:	TIME:
PARTICULARS OF THE INTERESTED AND AFFECTED PARTY	
NAME:	
POSTAL ADDRESS:	
POSTAL CODE:	
STREET ADDRESS:	
POSTAL CODE:	
WORK/DAY TELEPHONE NUMBER:	
WORK/ DAY FAX NUMBER:	
CELL PHONE NUMBER:	E-MAIL ADDRESS:

PLEASE IDENTIFY YOUR INTEREST IN THE PROJECT
PLEASE WRITE YOUR COMMENTS, QUESTIONS IN THIS SPACE