

# **DENSE MEDIA SEPARATION POWDERS (PTY) LTD.**

## **PUBLIC NOTICE OF ENVIRONMENTAL AUTHORISATION: ATMOSPHERIC EMISSION LICENSE APPLICATION FOR A R&D FURNACE AT DMS POWDERS, MEYERTON (EIA Ref: Gaut: 002/12-13/E0204; SMS Ref: DMS-EIA-31-01-12)**

### **BACKGROUND INFORMATION DOCUMENT**

In terms of Regulation 54 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) Environmental Impact Assessment Regulations, R. 543 of 18 June 2010, the Departments, Organs of State, Stakeholders and Interested and Affected Parties (I&APs) are herewith notified of the intent to carry out the following activity:

#### **1 Legislation**

##### **Environmental Impact Assessment**

In accordance with the regulations published in R. 543 and R. 545 of 18 June 2010, in terms of section 24(2) and 24D of the National Environment Management Act, 1998 (Act No. 107 of 1998), the applicant is required to carry out a full Environmental Impact Assessment for the following activities:

- Listing notice 2, R. 545 of 18 June 2010, Activity No. 5: "The construction of facilities or infrastructure for any process or activity which requires a permit or license in terms of national or provincial legislation governing the generation or 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 that Act will apply".
- Listing notice 2, R. 545 of 18 June 2010, Activity No. 26: "Commencing of an activity, which requires an atmospheric emission license in terms of section 21 of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004), except where such commencement requires a basic assessment in terms of Notice of No. 544 of 2010".

## **Application for an Atmospheric Emission License to be submitted to the Sedibeng District Municipality or Provincial Authority**

According to GN 248 of 31 March 2010 (National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004) List of activities which result in atmospheric emissions which have or may have a significant detrimental effect on the environment, including health, social conditions, economic conditions, ecological conditions or cultural heritage) an atmospheric emission license is required for the R&D furnace based on the following activity:

<b>Listed Activity Number</b>	<b>Category of Listed Activity</b>	<b>Description of the Listed Activity</b>	<b>Application of the Listed Activity</b>
4	Metallurgical Industry: Subcategory 4.9:Ferro-alloy production	Production of alloys of iron with chromium, manganese, silicon or vanadium, the separation of titanium slag from iron-containing minerals using heat	All installations

## **2 Applicant**

Dense Media Separation Powders (Pty) Ltd.

## **3 Location**

The project site is located on Portion 4 of the farm Kookfontein 545 IQ in Meyerton, which is approximately 8.7km's to the north of Vereeniging. GPS coordinates for the site are: 26°34'32.54"S; 27°59'21.19"E. The site is situated within the Midvaal Local Municipality of the Sedibeng District Municipality, Gauteng Province.



Figure 1: Google earth image of site

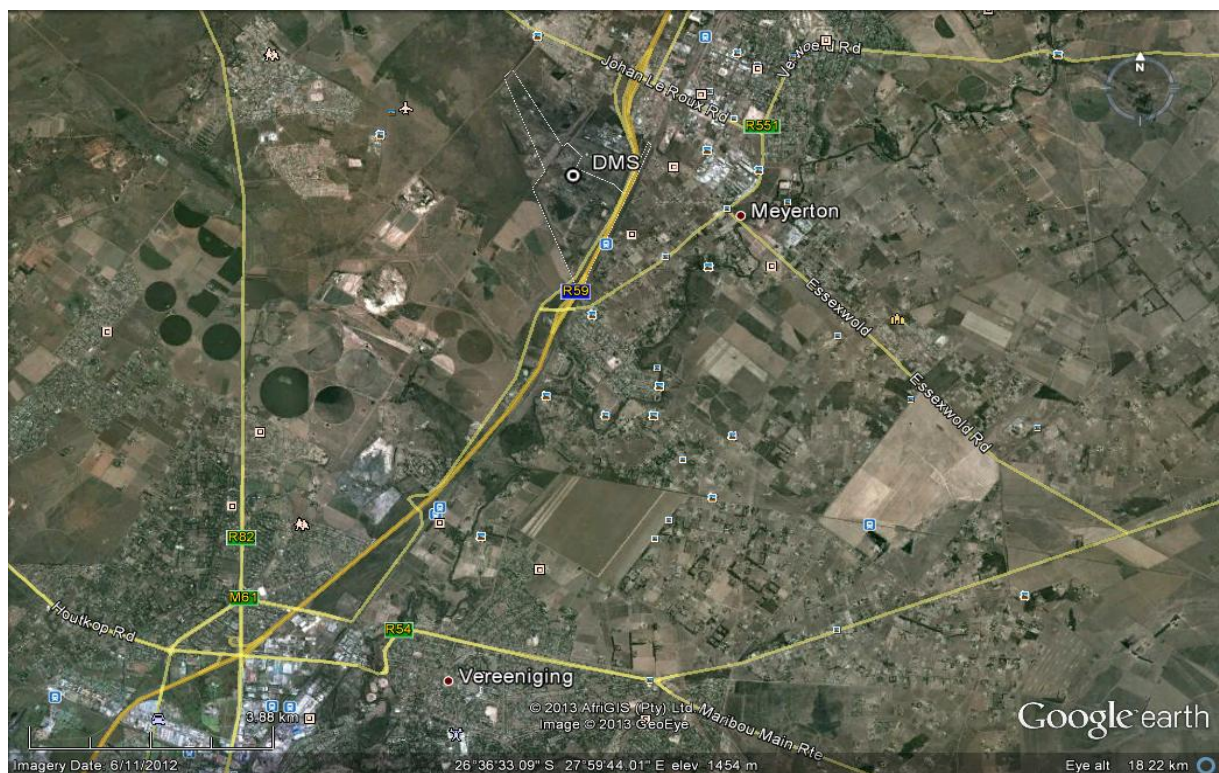


Figure 2: Google earth image of the areas surrounding the site.

## 4 Environmental Consultants

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## 5 Activity Description

An application for environmental authorisation has been submitted to the competent authority (the Gauteng Department of Agriculture and Rural Development). The proposed project will entail the following:

- Full Scoping and Environmental Impact Assessment
- Atmospheric emission license application to the Sedibeng District Municipality or the Provincial Authority – to be conducted by external air quality specialists

The application for environmental authorisation and the Atmospheric Emission License is required for a Research and Development (R&D) furnace that DMS wishes to install. The R&D induction furnace will be used for product and process optimization and to produce specialized products that cannot be manufactured in the main plant.

## 6 Public Participation Process

Public participation is an integral part of the Scoping and Environmental Impact Assessment process, and will include the following components:

### **First part of the Public Participation:**

The primary purpose of this phase is to give potential interested and affected parties (I&APs) an opportunity to register as an interested or affected party and to submit comments and concerns. These comments and concerns are included in the Scoping Report and Environmental Impact Assessment Report.

### **Comment on the Scoping Report and Environmental Impact Report:**

The draft Scoping Report will be made available to registered I&APs to provide them with an opportunity to comment, in writing, on this document before it is submitted to the competent authority.

All comments received will be included in a comments and responses report compiled by the Environmental Assessment Practitioner. This report will describe the issue raised, the date it was raised and by whom, and how the issue will be, or has been dealt with.



The comments that are received on the draft Scoping Report are included in the final Scoping report prior to submission to the competent authority.

Following the submission of the Scoping Report, a draft Environmental Impact Report (EIR) and Environmental Management Programme (EMPr) will be made available to I&APs. Comments on the draft EIR and EMPr will also be incorporated into the final EIR and EMPr prior to their submission to the competent authority.

### **Invitation to Participate**

Should you require any further information or wish to register as I&AP and/or inform us of any other I&APs and/or organisation and/or organ of state who should be notified, please contact [Lizette Crous](#) before the expiry date on [8 March 2013](#).