

DENSE MEDIA SEPARATION POWDERS (PTY) LTD.

PUBLIC NOTICE OF ENVIRONMENTAL AUTHORISATION APPLICATION: DMS POWDERS - HAZARDOUS WASTE STORAGE, FERROSILICON (FeSi) POWDER PRODUCTION AND THE CONSTRUCTION OF A WASTEWATER TREATMENT WORKS (DEA EIA Ref: 12/9/11/L1128/3; 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

According to GN 718 of 3 July 2009 (National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) List of waste management activities that have, or are likely to have a detrimental effect on the environment), a waste management license is required for the following activities:

Relevant Notice	Activity Number	Description of the listed activity
GN 718 of 3 July 2009	Category A, Nr. 2	The storage including the temporary storage of hazardous waste at a facility that has the capacity to store in excess of 35m ³ of hazardous waste at any one time, excluding the storage of hazardous waste in lagoons.
GN 718 of 3 July 2009	Category A, Nr. 11	The treatment of effluent, wastewater or sewage with an annual throughput capacity of more than 2 000 cubic metres but less than 15 000 cubic metres.

GN 718 of 3 July 2009	Category A, Nr. 18	The construction of facilities for activities listed in Category A of this Schedule (not in isolation to associated activity).
GN 718 of 3 July 2009	Category A, Nr. 19	The expansion of facilities of or changes to existing facilities for any process or activity, which requires an amendment of an existing permit or license or a new permit or license in terms of legislation governing the release of pollution, effluent or waste.
GN 718 of 3 July 2009	Category B, Nr. 2	The reuse and recycling of hazardous waste.
GN 718 of 3 July 2009	Category B, Nr. 3	The recovery of hazardous including the refining, utilisation or co-processing of waste at a facility with a capacity to process more than 500kg of hazardous waste per day excluding recovery that takes place as an integral part of an internal manufacturing process within the same premises or unless the Minister has approved re-use guidelines for the specific waste stream.

2 Applicant

Dense Media Separation Powders (Pty) Ltd.

3 Location

The project site is located on Portion 4 and 36 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

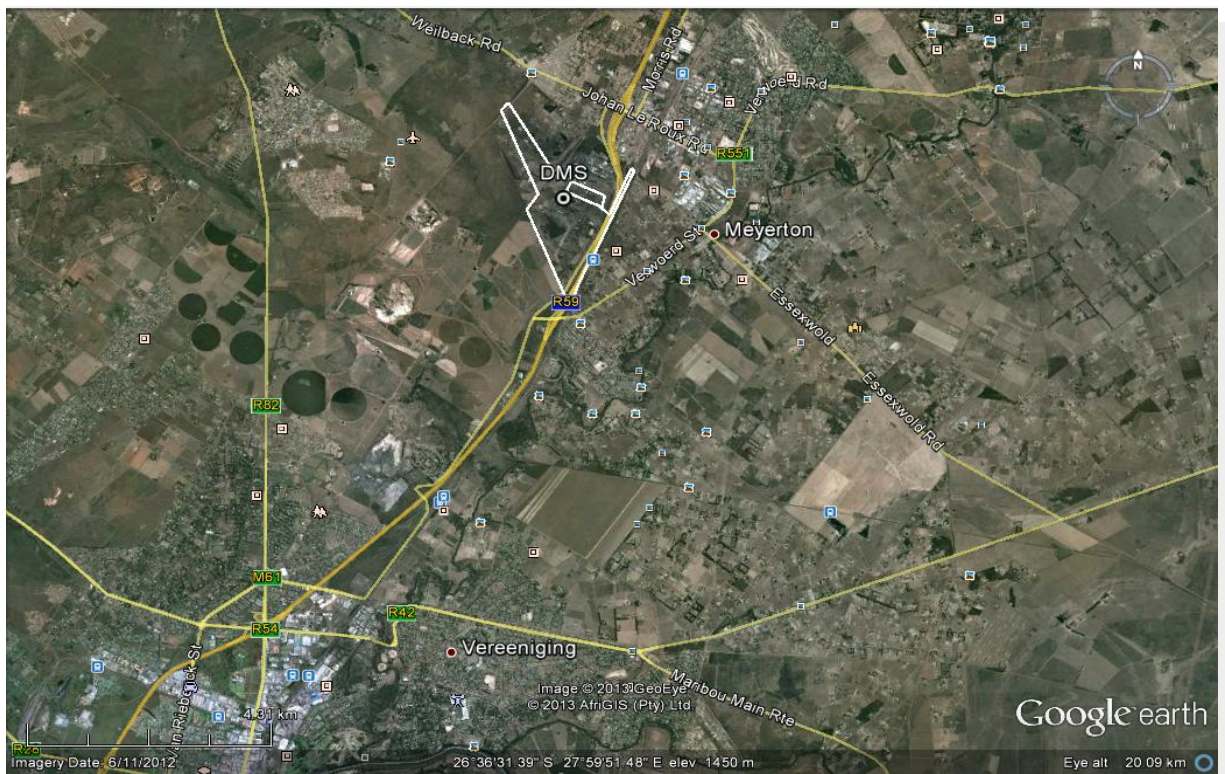


Figure 2: Google earth image of the areas surrounding the site.

4 Environmental Consultants

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5 Activity Description

A Waste Management License application has been submitted to the competent authority (the Department of Environmental Affairs). The Waste Management License is required for the following activities occurring at DMS:

DMS Powders produces ferrosilicon (FeSi) powder for use in dense media separation (DMS) technology. Two different processes are used at DMS, namely atomized Atomized FeSi production and milled FeSi production.

Steel shavings used as an input for the FeSi production process are stored in a stockpile area that is not roofed. According to the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008), the steel shavings are classified as hazardous waste due to the grease and oil that is used when drilling through steel. Drilling produces the steel shavings. Rainwater falling on the steel shaving stockpile area becomes contaminated and this affected storm water is classified as a hazardous wastewater due to its composition. To treat the affected storm water, a water treatment/purification plant is proposed.

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.