

Amendment of the Waste License for the Existing Simmer and Jack Landfill site

Background Information Document (BID)

Simmer and Jack Landfill License / Permit No: B33/2/0322/494/P223

February 2014



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PURPOSE OF THE BACKGROUND INFORMATION DOCUMENT

The purpose of this document is to introduce and describe the proposed project and provide details of the public participation process as required by the Gauteng Department of Agriculture and Rural Development. This document provides an opportunity for the EAP to obtain the initial comments and contributions from the Interested & Affected Parties (I & APs).

PROJECT DESCRIPTION

The applicant, Ekurhuleni Metropolitan Municipality, proposes to reuse the existing cell 1 of the Simmer and Jack Landfill site located on Portion 2 of the Farm Elandsfontein 901R (Figure 1). This landfill site is intended only for domestic and non-hazardous industrial waste disposal purposes. The landfill requires more airspace to extend the lifespan of the landfill and as such require that the existing permit (Permit Number: B33/2/0322/494/P223) for the Simmer and Jack be amended. An amendment application will be lodged with the Gauteng Department of Agriculture and Rural Development (GDARD).

As mentioned above, the applicant proposes to reuse the existing cell 1, however it is currently unlined and as such will need to be reshaped and lined before it can be reused. The reshaping of this cell is required to facilitate the drainage of leachate towards a central collection point. The reshaping of this cell will involve raising the side slopes of the cell and capping the cell for a small portion of the cell in order to generate the required levels and thereafter lining the remainder of the cell. The cell will also have its own dedicated leachate and stormwater management systems. The leachate generated within the cell will gravitate into the proposed new leachate management system whilst upon capping of the cell, clean stormwater will flow into the concrete lined toe drains and out of the site via the existing stormwater drains to the east of the site (Figure 2). The lining systems implemented will be in accordance with the Government Gazette No 34414, July 2011 and will be ratified by DWA. (PDNA, 2013)

The lifespan gained by the expansion of Cell 1 is approximately 44 months. This was based on a deposition rate of 27 500m³/month which is the current deposition rate factored up for growth.



Figure 1: Map showing the location of the proposed site

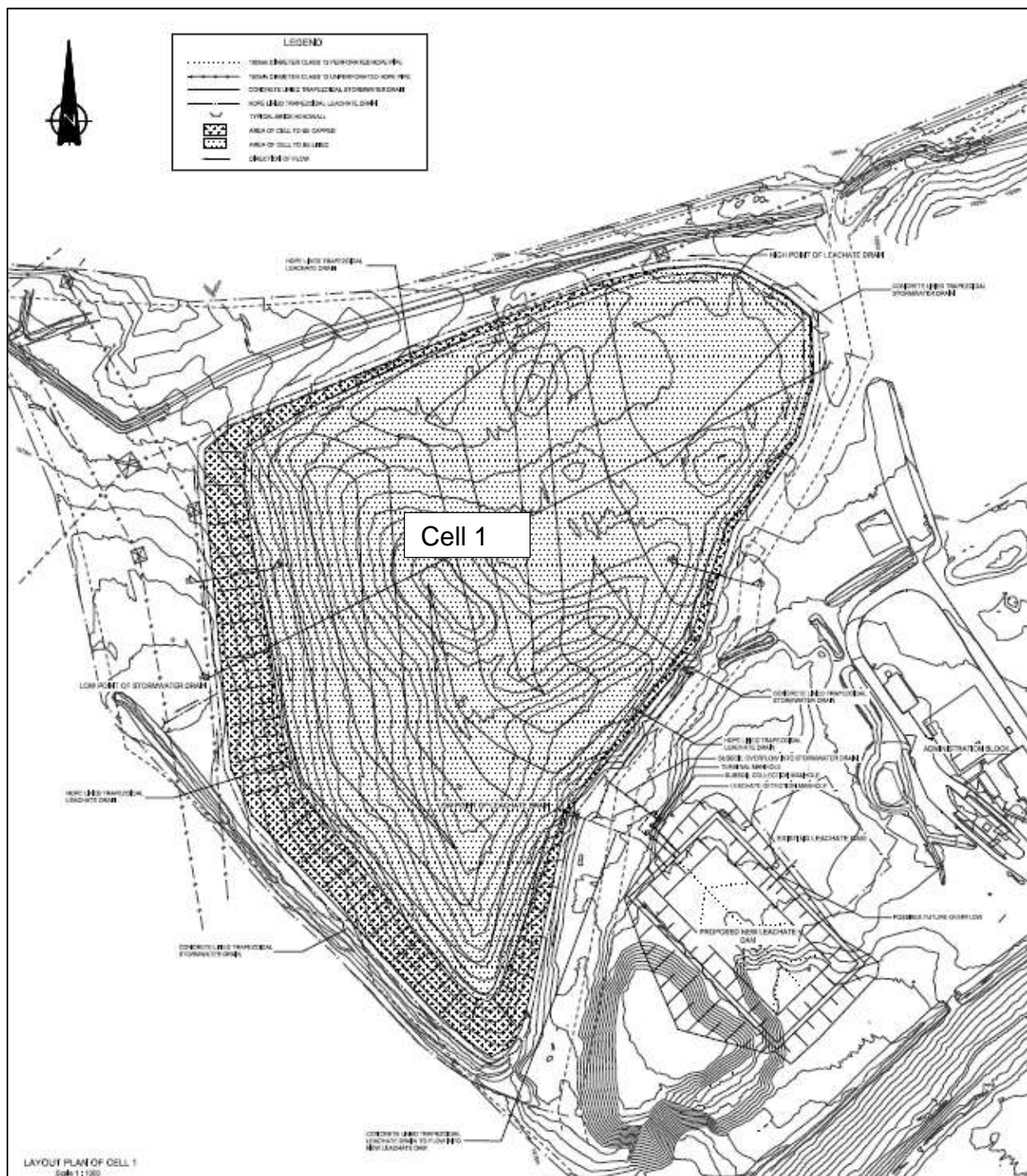


Figure 2: Layout showing the cell 1

ENVIRONMENTAL AUTHORISATION PROCESS

In terms of Category A of Government Notice R921 of the National Environmental Management: Waste Act No. 59 of 2008 [NEM:WA] the Waste Management Activity No. 13 is applicable for the reuse of Cell 1 and subsequent amendment to the existing license.

This means that the proposed project will require environmental authorisation in terms of the National Environmental Management Act, 1998 (No. 107 of 1998), which will be undertaken in accordance with the requirements of the Environmental Impact Assessment (EIA) Regulations, 2010 (Government Notice No. R.543). Listed activities under Government Notice R.718 will be triggered by the proposed reuse and therefore a Basic Assessment Process may be required if deemed necessary by the competent authority. The EIA competent authority / decision-making authority is the Department of Gauteng Department of Agriculture and Rural Development (GDARD).

PUBLIC PARTICIPATION PROCESS

The role of Interested and Affected Parties (I&APs) is critical to the success of the project. IAPs are encouraged to register with Nema Consulting and to contribute to the process by raising issues/concerns that must be taken into account, commenting on the environmental reports and contributing local knowledge. All parties wishing to receive any further information on the project must register with Nema Consulting.

REGISTRATION AS AN I & AP

In order to ensure that you are registered as an I&AP, please submit your name, contact information and interest in the project by completing the attached Reply Form. You can also provide your comments on the Reply Form.



Amendment of the Simmer and Jack Landfill License

Simmer and Jack Landfill License / Permit No: B33/2/0322/494/P223

Reply Form

Registration as an Interested and Affected Party

Complete and return to **Rivani Maharaj** by the before the 07 March 2014

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Date:				Official use Date received: Our reference: Status	
Name of organisation: (if applicable)					
Name & Surname:					
Address	Postal:	Physical:			
Tel No:					
Cell No					
Fax No:					
Email:					
Registration as an I&AP:	<table border="1"><tr><td>Yes</td><td>No</td></tr></table>			Yes	No
Yes	No				
Please include the contact details of any possible other I&APs you might be aware of:					
Comments: (note - additional pages may be included if the space provided is insufficient)					