



### **EIA NEWSLETTER 3: LANDFILL SITE DANIELSKUIL – 30 MAY 2014**

#### **ENVIRONMENTAL IMPACT ASSESSMENT AND WASTE MANAGEMENT LICENSE APPLICATION FOR CLOSURE OF THE EXISTING LANDFILL SITE AND THE OPENING OF A NEW LANDFILL SITE IN DANIELSKUIL, NORTHERN CAPE: (Reference Numbers: NC/SIY/KGAT/DANIELS/02/2012 and 2012/01/04/Kgatelopele)**

The distributed EIA newsletter dated, 22 November 2013 bears reference. As you may recall, the Final Scoping Report (FSR – including associated appendices) was submitted to the Northern Cape Department of Environment and Nature Conservation (NCDENC) on Thursday 06 December 2012. The NCDENC has since evaluated the submitted documents and are satisfied that the documents comply with the necessary legal requirements. Consequently, the NCDENC accepted the FSR and subsequently accepted the Plan of Study for the Impact Phase. Lidwala Environmental received the written notification to proceed with the Impact Assessment phase on the 5<sup>th</sup> of February 2013. Should you require a copy of this acceptance letter, please submit a written request to Bongsi Mhlanga (contact details below).

The EIA process for this project however, was on-hold as the previously identified sites were not viable for a landfill site. The EIA process is now continuing as a new site alternative has been identified. NCDENC accepted the inclusion of a new site for detailed assessment in the EIA phase.

An Additional Public Information Meeting (new site - Remainder of Erf 1/Erf 471 in Daniëlskuil) was held on Thursday, the 28<sup>th</sup> of November 2013 at the Daniëlskuil Municipal hall at 17:30. The purpose of the meeting was to inform the public of the new proposed site and receive their comments. Comments that arose from the meeting were received, noted and minuted by Lidwala SA, these comments will form part of the Draft Environmental Impact Report (DEIR) where they will be assessed further.

#### ***Purpose of the updated EIA NEWSLETTER***

This Updated EIA Newsletter aims to further facilitate your understanding of the proposed New Landfill Site and the EIA Process, including the public participation process that will be followed in the Impact Phase. This newsletter:

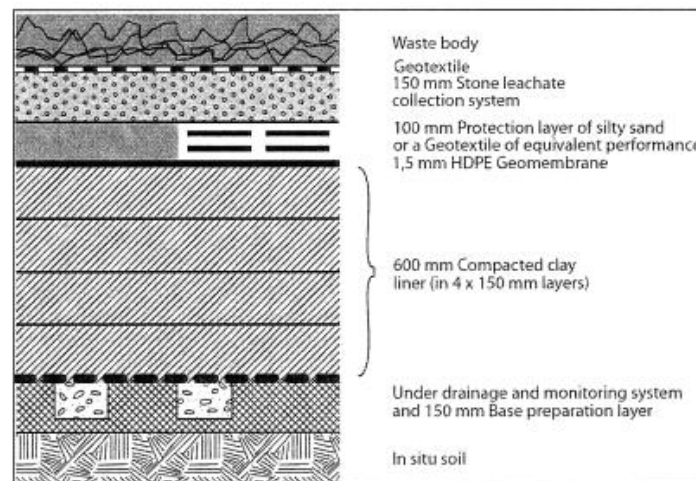
- Recaptures the changes to the project technical components that have occurred since the end of the Scoping Phase;
- Outlines the environmental and specialists studies that will be conducted during the Impact Phase;
- Outlines the Public Participation Process to be followed during the Impact Phase;and

- Outlines the way forward

### **Short overview of the Proposed Project**

Kgatelopele Municipality proposes the closure their existing landfill site and to establish a new landfill site at Daniëlskuil for the disposal of General waste. The proposed new waste site of Daniëlskuil is provisionally classified as a **G:C:B-** waste site, in other words the new waste site is classified as a site where: **General** Waste is deposited, in size it is provisionally classified as **Communal** and due to the local climatic conditions at Daniëlskuil there is a very low potential for leachate generation at the planned site which is then classified as a **B-**.

The National Norms and Standards for Disposal of Waste to Landfill (GN 636 of 2013) prescribes the composition of a liner for a Class B Landfill. Typically the lining of a Class B landfill site will consist of the following as a minimum:



The new waste site of Daniëlskuil will also incorporate the domestic waste from the mining and industrial sector, non-hazardous building rubble and business waste a co-disposal system, which will make the planned waste site more economically attractive.

Please take note that waste may be disposed of at landfills with a higher containment design than specified (for example building rubble allowed at a Class D may also be disposed at a Class B) in terms of section 5 of National Norms and Standards for Disposal of Waste to Landfill (Government Notice R. 636 of 23 August 2013).

In addition, the existing landfill site will have to be decommissioned and closed and this environmental process makes provision for this aspect. It should be noted that the initially planned incinerator for the

proposed new landfill site is no longer part of the scope of this project and will no longer be further assessed.

This proposed project activates a number of Listed Activities published under Sections 24(2) and 24D of the National Environmental Management Act, 1998 (Act No. 107 of 1998) and also waste management activities published under Section 19(1) of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008). The reference numbers of the various Listed Activities are reflected in the table below.

<b>NEMA</b>	No. R. 544	11	18	22	23	24
<b>NEMWA</b>	GN 921 - Category A	3(2)	3(3)	3(12)	3(14)	
	GN 921 - Category B	4(8)	4(10)			

### ***Brief overview of the Scoping Phase***

The Environmental Scoping Study identified and evaluated potential environmental impacts associated with all aspects of the proposed Project. In terms of the EIA Regulations, *feasible and reasonable* alternatives have been discussed within the Scoping Study and information regarding these alternatives is captured in the Final Scoping Report (FSR).

The previous four alternatives were assessed and found not to be viable mainly as a result of their location on dolomitic terrain. The EIA process for this project however, was on-hold in order to identify a suitable new terrain. The EIA process is now continuing as a new site alternative has been identified that was also approved by the Department of Water Affairs (DWA). NCDENC accepted the inclusion of a new site for detailed assessment in the EIA phase. The new site alternative is on the remainder of ERF1 (Erf 471) Daniëlskuil.

### ***Impact Assessment Phase***

With the department (NCDENC) issuing of the above-mentioned acceptance (of scoping), in-depth environmental assessments are being conducted by the various environmental specialists on the new alternative site (**refer to attached Locality Map**). Comments received from Stakeholders on the alternative site were forwarded to the relevant specialist to be taken into consideration during their detailed assessment.

The detailed environmental studies being conducted on the new alternative site are as follows:

Specialist Study	Organisation Responsible for the Study
Impacts on ecology, fauna and flora	Lidwala Consulting Engineers (SA)
Impacts on heritage and archaeological sites	McGregor Museum
Impacts on Flora	Lidwala Consulting Engineers
Impacts on the social environment	Lidwala Consulting Engineers (SA)
Impacts on geology and Geohydrology	Reinhard Meyer
GIS	Lidwala Consulting Engineers (SA)
Legal review	Jennifer Howarth Environmental Legal Services

### ***Waste License Application***

As landfills are waste disposal facilities Kgatelopele Local Municipality (KLM) is required to apply for a Waste Management License under the National Environmental Management: Waste Act of 2008. Due to the fact that the proposed closure of the existing landfill and the establishment of a new landfill site encompass listed activities in NEMA and NEMWA, both an Environmental Authorisation (EA) in terms of NEMA and a Waste Management License (WML) in terms of NEMWA are required.

### ***Public Participation and Consultation Process***

By receiving the acceptance from NCDENC to proceed with the Impact Assessment Phase of the EIA, a transparent and thorough public consultation process is also continuing, whereby not only the public and you as a registered interested and/or affected party (I&AP), but also any possibly directly affected landowners continue to be consulted. Public involvement is one of the cornerstones of effective Environmental Impact Assessments as it is your comments that add value to the environmental process. The following are the key consultation activities that Lidwala SA would like you to take note of:

- Two Focus Group Meetings (FGMs) will be held during the impact phase with various stakeholders, including:
  - Officials of Kgatelopele Local Municipality and Siyanda District Municipality;
  - Landowners of the alternative site and neighbours;
  - Northern Cape Department of Environment and Nature Conservation
  - Relevant provincial authorities and SARHA; and
  - Mining Houses within the study area.

It is envisaged that FGMs will take place during the review period of the Draft Environmental Impact Assessment Report (DEIR).

- Announcement of the availability of the DEIR, draft Environmental Management Programme (EMPr) and the draft Waste Management Report for public comment.
- Invitation to a Public Meeting (PM) to be held during the review period of the DEIR. The PM advertisement will be included in the same advertisement as per the draft Reports as mentioned above and registered I&APs will be invited in writing, per e-mail and SMS.
- Announcement of the availability of the Final Environmental Impact Assessment Report (FEIR) for public comment and registered I&APs will be notified in writing, per e-mail and SMS of the availability of the FEIR.

### **Way Forward**

Please note that public involvement is a two-way communication and consultation process and you are kindly requested that, as an I&AP or possibly affected landowner, to:

- Provide Lidwala SA with the contact details of your neighbour, friend or family member who you believe should be informed regarding the proposed development and its associated infrastructure. Lidwala SA will take the public participation process from there and ensure that they are informed throughout the remainder of the environmental assessment process; or
- Provide them with our contact details (provided below) and request them to contact Lidwala SA directly.

Should you, during this impact assessment phase, require any additional information or wish to submit comments on the specialist studies or the proposed development, you are welcome to forward your inputs, in writing, to the Public Participation Office given below.

We look forward to your contributions

### **COMMENTS AND QUERIES**

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