

Applicant	Interwaste (Pty) Ltd
Independent Environmental Assessment Practitioner	AECOM SA (Pty) Ltd
Authorising Authority: NEMA Activities	Gauteng Department of Agriculture and Rural Development (GDARD)
Authorising Authority: Waste Management License	Department of Environmental Affairs (DEA)
Authorising Authority: Water Use License	Department of Water Affairs



ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR THE PROPOSED DEVELOPMENT OF THE NEW MULTISAND REGIONAL CLASS B WASTE DISPOSAL FACILITY, NEAR TSHWANE, GAUTENG PROVINCE

GDARD Ref No: GAUT 002/13-14/E0280

DEA Ref No: 12/9/11/L1422/3

February 2014

PURPOSE OF THE DOCUMENT

The purpose of this **Background Information Document (BID)** is to inform you of the proposed development of the new Tshwane regional waste disposal facility with an installed Class B liner specification, for the disposal of Type 2, 3 and/or 4 waste, near Rosslyn in the City of Tshwane Local Municipality, Gauteng Province.

Interwaste (Pty) Ltd is applying for Environmental Authorisation (EA) from the Gauteng Department of Agriculture and Rural Development (GDARD), an integrated waste management license from the Department of Environmental Affairs (DEA) and a Water Use License from Department of Water Affairs (DWA) for the proposed development of the regional general waste disposal facility ("landfill"). In order to be considered for an EA, waste management license and water use license, an Environmental Impact Assessment (EIA) process must be undertaken.

This EIA process is being undertaken in terms of Government Notice Regulations (GNR) No. 543, 544, 545 and 546 of the EIA Regulations (2010). The EIA Regulations (2010) were promulgated in terms of the National Environmental Management Act (No. 107 of 1998) as amended (NEMA). The general EA is being integrated with a waste management license in terms of the National Environmental Management: Waste Act (No. 107 of 1998) as amended (NEM:WA), as well as a water use license (WUL) in terms of the National Water Act (No 36 of 1998) from the Department of Water Affairs (DWA).

You, as an interested and/or affected party (I&AP), are invited to engage in the EIA process by submitting your comments and suggestions to the project team. Your participation will assist in finalising the EIA documentation prior to submission to GDARD, DEA and DWA for consideration and potential authorisation / permitting.

Please forward your input to the following public participation team member:

Mamokete Maimane/Marti Le Roux
AECOM SA (Pty) Ltd

Tel: 012 421 3699/3615

Fax: 086 299 2145

Post: P O Box 3173, Pretoria, 0001

Email: multisand@aecomemd.co.za

PROJECT DESCRIPTION

The proposed project entails the development of a regional sanitary waste disposal facility with a Class B liner system, to service areas within the Tshwane Local Municipality. The proposed project requires the following activities:

- Waste disposal cells;
- Waste treatment bays;
- Access control facilities including perimeter fencing;
- Laboratory to test and verify classification of incoming waste (waste should be classified at source, but must be verified on acceptance at the disposal site);
- Access roads to the landfill and link roads between the landfill cells;
- Weighbridge with a weighbridge control room;
- Public drop-off area;
- Leachate collection system and leachate ponds to prevent surface and groundwater contamination;
- Pollution control ponds to collect contaminated stormwater runoff and prevent surface and groundwater contamination;
- Stormwater berm on upstream side of the site to keep clean stormwater off-site and a possible storm water retaining pond for use during dust suppression;
- Leachate treatment facility to treat leachate / contaminated stormwater runoff;
- Plant washing area (“wash-bay”) with contaminated runoff control;
- Wheel wash for vehicles leaving the landfill during wet conditions, also with contaminated runoff control – this forms part of the biosafety control system;
- Weather station;
- Administration buildings;
- Staff dining and ablution facilities;
- Workshops and stores;
- Transport depot for waste vehicles transporting waste to the landfill, including the workshops and stores;
- Fuel storage facilities, limited to less than 80m³ on site at any one time (note that this volume is for all possible hazardous substances on-site including reagents etc. in on-site laboratory);
- Helipad – for emergency access to the site; and
- Electricity, water and sewage infrastructure and connections.

PUBLIC PARTICIPATION PROCESS

The public participation process gives you the opportunity to:

- Get clear, accurate and understandable information about the proposed project and the expected social and environmental impacts it may have.
- Have the chance to voice your concerns and to raise questions about the proposed landfill site and the EIA process.
- Suggest ways for reducing or mitigating any negative impacts of the proposed landfill site, and for potentially increasing its benefits.
- Provide the applicant, Interwaste (Pty) Ltd, with an opportunity to consider the needs, preferences and values of yourself and your fellow I&APs in your/their decisions.
- Be involved in the sharing of information. This sharing forms the backbone of public participation and offers you the chance to become actively involved in the project from the outset.
- Fully understand the intention of an environmental investigation, as your input ensures that all relevant issues are considered in the EIA process.
- Influence the decision making process by the environmental authorities, the GDARD, DEA and DWA, by ensuring that they have all relevant information at hand.

BENEFITS OF REGISTERING

As a registered I&AP you are entitled to the following:

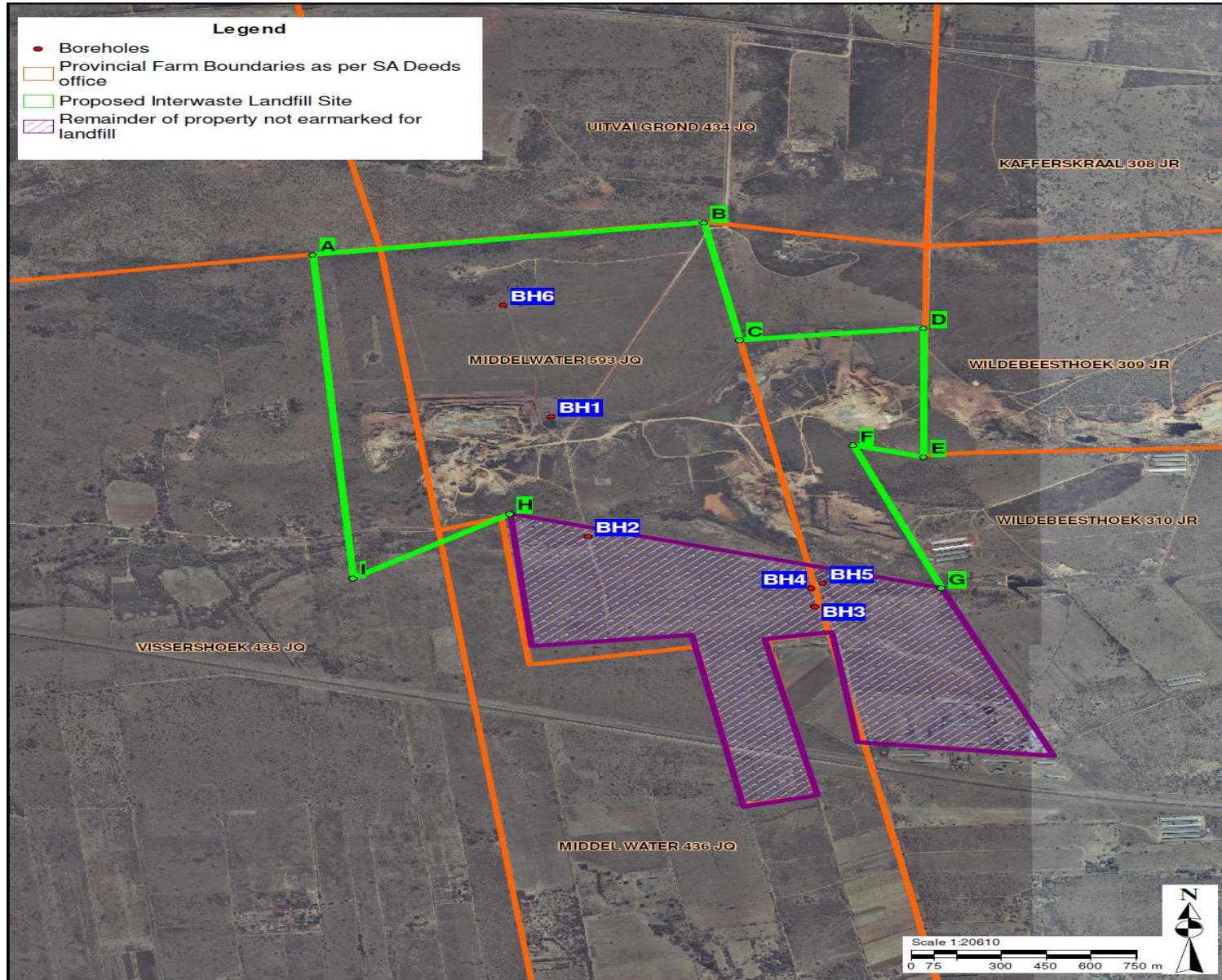
- Invitations to public events.
- Information on the project.
- An opportunity to participate in the EIA process.
- Access to information and reports that are available for public comment.

HOW TO REGISTER

To register and be involved you should do the following:

- Respond to the relevant newspaper advertisements.
- Complete and submit the comment sheet included in this BID.
- Provide us with your contact details.
- Attend the public participation events (if possible).
- Review project documentation when made available for comment (if possible).

FIGURE 1: LOCALITY MAP



ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

An independent EIA process (in terms of Sections 26-35 of GNR 543) identifies and assesses possible impacts, and then provides possible mitigation measures to reduce the anticipated impacts of the proposed landfill site on the receiving environment. Critically, the EIA process requires a comprehensive public participation process. Finally, the EIA process would recommend under what conditions GDARD should grant or refuse environmental authorisation to the proposed landfill site, DEA would grant or refuse a waste management license, DWA would grant or refuse a water use license and the conditions of a waste management license, should it be issued.

A typical EIA process includes these tasks:

1. The project team submits a formal application to the relevant environmental authority (GDARD and DEA) for this project.
2. Public participation starts (including registration of I&APs, that is, you).
3. The scoping phase starts.

The scoping phase identifies potential issues related to the proposed development and its alternatives.

4. A Draft Scoping Report will be submitted for comment to all I&APs (i.e. you) for a period of 60 calendar days. Comments will be considered, the Final Scoping Report will then be submitted to GDARD, DEA and DWA, for their consideration.
5. EIA process starts.

The EIA phase evaluates and assesses potential issues identified during scoping. Possible mitigation measures for the proposed new landfill are recommended.

6. The EIA process is captured in a comprehensive EIA Report, including an Environmental Management Plan (EMP).
7. You will be given an opportunity to comment on the Draft EIA Report, which will be made available to all I&APs for a period of 60 calendar days .
8. The Final EIA Report is then submitted to the GDARD, DEA and DWA, for its consideration.
9. The GDARD, DEA and DWA review the documents and make a decision on the proposed project.
10. A copy of the EA and integrated waste license document will be made available to you to consider, along with the reasons for the decision made. If you disagree with the decision, you are provided with information on how to lodge an appeal.

PHOTOGRAPHS OF A TYPICAL LANDFILL FACILITY

