






## JOHANDEO TOWNSHIP ESTABLISHMENT – PHASE 2

Environmental Impact Assessment of the Johandeo Township Establishment - Phase 2 Situated at the Remainder of Portion 8 of Farm Rietkuil (Number 554).

**EIA Reference Number: GAUT 002/21-22/E3067**

Prepared by the Bashan Environmental Management Services:

 <p>BASHAN CORPORATION</p> <p>In Collaboration with</p>  <p>NOKSA 23</p>
<p><b>Acting on Behalf of:</b></p>
 <p>SML Projects</p>
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<b>TITLE</b>	<b>JOHANDEO TOWNSHIP ESTABLISHMENT – PHASE 2</b>
<b>SUB-TITLE</b>	ENVIRONMENTAL IMPACT ASSESSMENT
<b>PROJECT TEAM</b>	BASHAN ENVIRONMENTAL MANAGEMENT SERVICES
<b>APPLICANT</b>	GAUTENG DEPARTMENT OF HUMAN SETTLEMENTS
<b>PROJECT NUMBER</b>	JHB0744
<b>REPORT STATUS</b>	SCOPING REPORT
<b>DATE OF THIS ISSUE</b>	WEDNESDAY, 24 NOVEMBER 2021

### **Purpose of This Document**

Bashan Corporation (in collaboration with Noksa 23 Development Planners) was appointed by SML Projects to conduct a Scoping & Environmental Impact Assessment in terms of Regulations 19 to 20 of the Regulations compiled in terms of Chapter 4 of the Environmental Impact Assessment Regulations of 2017. The purpose of this Background Information Document (BID) is to inform interested and/or affected parties (I&AP's) of the Scoping & Environmental Impact Assessment Process that will be conducted for the proposed Development. In addition to supplying information about the proposed Project, this BID will also provide I&AP's with the opportunity to:

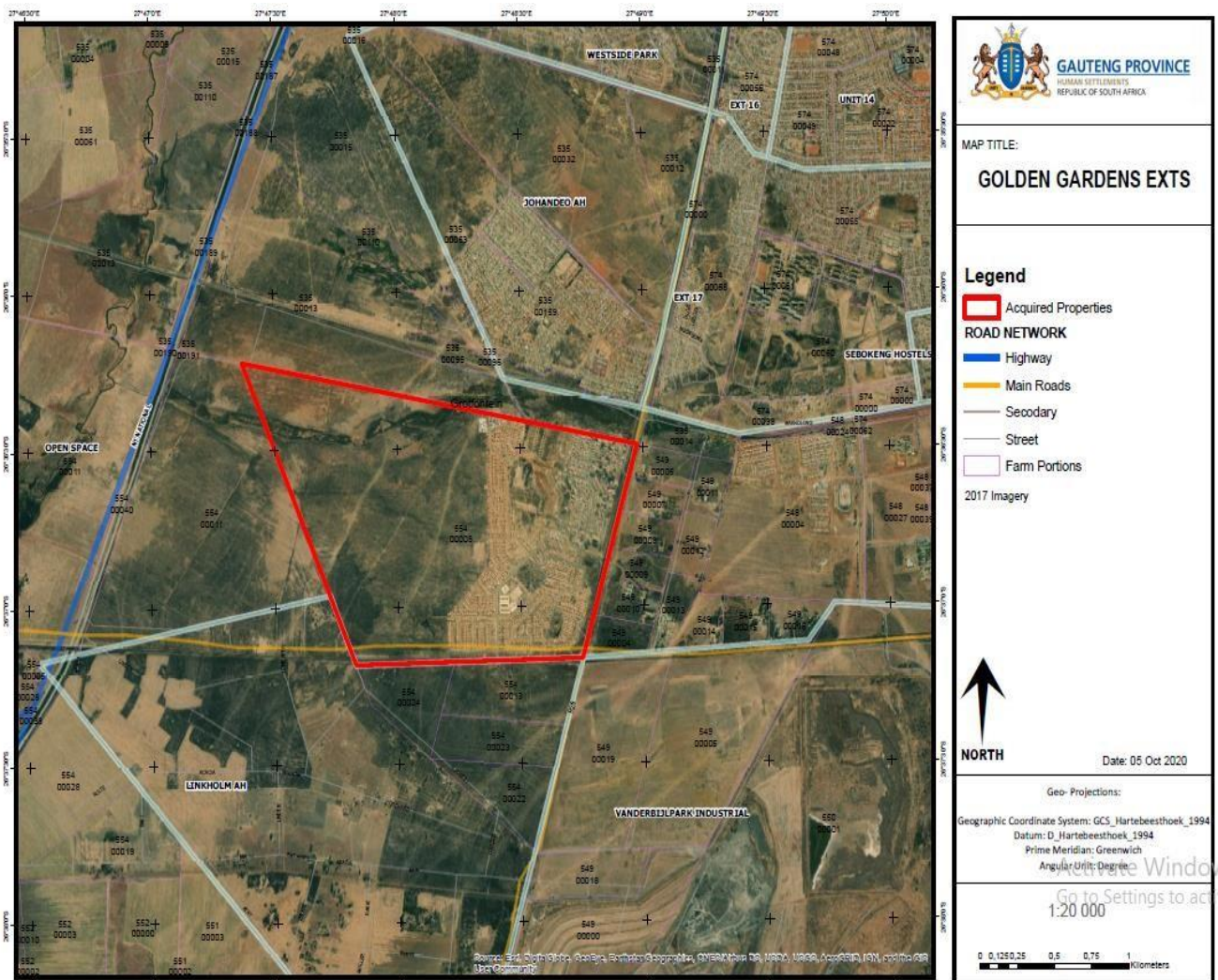
- Register as stakeholders in the public participation process; and
- Provide initial comments on the proposed project.

## Executive Summary

The South African economy requires innovative people and organizations that can identify the challenges the country is facing in economic development and job creation. On a socio- economic forefront, the proposed development will lower the unemployment rate and thus improving the community livelihoods

Bashan Corporation is an independent environmental consultancy who has been appointed by SML Projects to undertake an application for the proposed Township Establishment on Portion 08 of the Farm Rietkuil 554 IQ, to be known as Jahandeo Phase 2, Emfuleni Local Municipality, Vereeniging, Gauteng.

## Proposed site location



The proposed project is for the development of 1000 housing stands which will be in the form of RDP houses with the total size of the land measuring at 61.47 ha, the below listed activities will be installed in the development.

The proposed activities include the installation of the following services:

- Sewage
- Electricity
- Road
- Water Supply
- Storm water management systems
- Solid waste collection

Triggered listed activities for the township development on portion 08 of the Farm Rietkuil 554 IQ, Emfuleni Local Municipality, Vereeniging, Gauteng:

#### **Listing Notice 1 Activity 9**

The development of infrastructure exceeding 1 000 metres in length for the bulk transportation of water or storm water—

(i) with an internal diameter of 0,36 metres or more; or

(ii) with a peak throughput of 120 liters per second or more;

excluding where –

(a) such infrastructure is for bulk transportation of water or storm water or storm water drainage inside a road reserve or railway line reserve; or

(b) where such development will occur within an urban area.

#### **Listing Notice 1 Activity 10**

The development and related operation of infrastructure exceeding 1 000 metres in length for the bulk transportation of sewage, effluent, process water, wastewater, return water, industrial discharge or slimes –

(i) with an internal diameter of 0,36 metres or more; or

(ii) with a peak throughput of 120 litres per second or more;

excluding where—

(a) such infrastructure is for the bulk transportation of sewage, effluent, process water, wastewater, return water, industrial discharge or slimes inside a road reserve or railway line reserve; or

(b) where such development will occur within an urban area.

### **Listing Notice 1 Activity 28 (ii)**

Residential, mixed, retail, commercial, industrial, or institutional developments where such land was used for agriculture or afforestation on or after 01 April 1998 and where such development:

(ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare: excluding where such land has already been developed for residential, mixed, retail, commercial, industrial, or institutional purposes.

### **Listing Notice 2 Activity 15**

The clearance of an area of 20 hectares or more of indigenous vegetation, excluding where such clearance of indigenous vegetation is required for-

(i) the undertaking of a linear activity; or

(ii) maintenance purposes undertaken in accordance with a maintenance management plan.

### **Listing Notice 3 Activity 4 c (iv)(v)(vi)(vii)**

The development of a road wider than 4 metres with a reserve less than 13,5 metres.

(iv) Sites identified as Critical Biodiversity Areas (CBAs) or Ecological Support Areas (ESAs) in the Gauteng Conservation Plan or in bioregional plans;

(v) Sites identified within threatened ecosystems listed in terms of the National Environmental Management Act: Biodiversity Act (Act No.10 of 2004)

(vi) Sensitive areas identified in an environmental management framework adopted by relevant environmental authority;

(vii) Sites identified as high potential agricultural land in terms of Gauteng Agricultural Potential Atlas

### **Listing Notice 3 activity 12 (a)**

The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance plan.

(c) In Gauteng in (ii) Sites identified as Critical Biodiversity Areas (CBAs) and Ecological Support Areas (ESAs) in the Gauteng Conservation Plan or in bioregional plans.

### **Listing Notice 3 Activity 15 (a)**

The transformation of land bigger than 1000 square metres in size, to residential, retail, commercial, industrial or institutional use, where, such land was zoned open space, conservation or had an equivalent zoning, on or after 02 August 2010.

## **ENVIRONMENTAL AUTHORISATION PROCESS**

### **What is an Environmental Impact Assessment Process?**

An Environmental Impact Assessment (EIA) is a process of collecting, organising, analysing, interpreting and communicating information that is relevant for the consideration of a particular application. EIA's are undertaken where the impacts are highly likely to have significant impacts on the receiving environment. EIA's are used by planning authorities/developers to obtain an independent and objective view of the potential environmental (biophysical and socio-economic) impacts that could arise during the construction and operation of the proposed development. This information needs to provide the Competent Authority with a sound basis for their decision-making. Environmental management and mitigation measures are also identified through the EIA process. National Environmental Management Act (NEMA) In terms of the Environmental Regulations promulgated under the National Environmental Management Act (Act. No. 107 of 1998), the EIA will be conducted for the proposed development in terms of the new Environmental Impact Assessment [EIA] Regulations, 2017.

### **COMPETENT AUTHORITY**

The Competent Authority, as described according to the EIA Regulations 2014, for this proposed project is the Gauteng Department of Agriculture and Rural Development (GDARD) which will ultimately be responsible for providing a decision on whether the proposed Activity will be granted Environmental Authorisation (EA) in terms of NEMA.

## **THE S &EIA PROCESS FOR THIS PROPOSED PROJECT**

### *PHASE 1*

Draft Environmental Impact Assessment Report

- Identify potential issues with the options identified & nominate preferred alternatives.
- I&AP's can assist the environmental specialist by ensuring that all possible environmental impacts are being considered.
- Detailed studies of potential positive and negative impacts associated with the preferred alternative.
- Findings of Impact Assessment Studies [Biodiversity & Heritage].
- Draft Environmental Management Programme [EMPr]

### *PHASE 2*

Final Environmental Impact Assessment Report & EMPr

- Consolidate & finalise EIA report;

- I&AP comments and concerns raised throughout the EIA will be addressed and included into the Final EIA report.

### *PHASE 3*

#### Decision Making Phase

- Authorities use the findings on the EIA report to decide if the project should be authorised.

#### ***Environmental Issues to be investigated by Bashan Corporation during the EIA Phase of the Proposed Project:***

- Soil erosion and sedimentation
- Water and soil pollution
- Loss of biodiversity
- Impacts on watercourses

#### **The Public Participation Process**

##### **Public Participation will be for this proposed project.**

The key objective of public participation during this EIA will be to provide I&AP's with sufficient and transparent information on an on-going basis in order to ensure effective participation throughout the process. As part of this public participation process the I&AP's will be provided with the opportunity to comment on the findings of the Environmental Impact Assessment Report, which will be made available for public review during the process. It is important that relevant I&AP's are identified and involved in the public participation process from the outset of the proposed project. In order to ensure effective public participation, the public participation process includes the following steps:

#### ***Public Participation Process for Environmental Impact Assessment:***

### *PHASE 1*

Notification of commencement of EIA Process Primary purpose is to notify the IAP's of the project and invite them to register for the project, and include them in the following activities:

- Advertise the EIA Process (local or regional press)
- Notification/Invitation letters to identified stakeholders, IAP's and Organs of State informing & inviting them to become a part of the Public Participation Process
- Distribution of the BID

## *PHASE 2*

Environmental Impact Assessment Process Consultation with & transfer of information to Stakeholders & IAP's in order to identify issues associated with the proposed project. Consultation will be undertaken through:

- Telephonic conversations
- One-on-one interviews (where required)
- Focus Group Meetings (where required)
- A draft S&EIA Report will be made available for a period of 30 day for review and comment
- A public meeting will be held

## *PHASE 3*

### Decision Making

Registered stakeholders and I&AP's will be informed in writing of the Authority's decision regarding the project.

- There is an appeal period during which I&APs have the opportunity to appeal against the Environmental Authorisation (EA).
- This appeal period commences, within 14 days of the date of the decision on the EA.
- You will receive personal notification, once registered, by fax or e-mail of all documents available for comment, and due dates for comment at every stage.

### ***Your responsibilities as an I&AP:***

In terms of the EIA Regulations, your attention is drawn to your responsibilities as and I&AP:

- In order to participate in this EIA process, register yourself on the project database.
- Inform any other parties (neighbours, friends, colleagues, etc) who may be interested and/or affected by the proposed project about the EIA process and encourage them to become involved.
- Ensure that any comments regarding the proposed project are submitted within the timeframes that have been approved or set by the Department, or within any extension of a timeframe agreed to by Department and the applicant (i.e.,Emfuleni Local Municipality).
- Disclose any direct business, financial, personal or other interest which you may have in the approval or refusal of the application for the proposed development of houses.



### ***Our responsibilities as Independent Environmental Consultants:***

In terms of the EIA Regulations, our responsibilities in the public consultation process include:

- Ensure that sufficient information regarding this proposed project is made available to you [I&AP's], either through the BID or providing information as and when requested.
- Ensure that you have an understanding of the proposed project to be able to comment informatively and to enable you to submit any concern in an informed manner.
- Ensure that the following actions are taken upon receiving any comments/queries/issues:
  - The contact details provided by are entered into the project database and that you as I&AP are sent all further information.
  - If queries or comments are sent, we are to respond in writing
  - If a call received, your details and queries / comments are recorded. Should we not be able to answer your question immediately, your call will be returned as soon as possible with a response.

### ***How to become involved:***

- A response via phone, fax or e-mail to our invitation for your participation, which will be advertised in the printed media [newspaper].
- Mail, fax or e-mail the attached Registration and Comment Form to Bashan Corporation.
- Attend the meetings that may be held during the course of the project. Should you register as an I &AP you will automatically be invited to attend these meetings.
- Contact us telephonically should you have a query, comment or require further project information.
- Review the draft EIA Report within the 30-day review periods that will be stipulated in the advertisement as well as in your personalised letter.

If you consider yourself an I&AP for this proposed project, we urge you to make use of the opportunities created by the public participation process to become actively involved in the process and provide comment or concerns which affect and/or interest you, or about which you would like more information. Your input into this process forms a key part of the Environmental Studies and we would like to hear from you to obtain your views on the proposed project. Upon completing and submitting the accompanying Registration and Comment Form, you automatically register yourself as an I &AP for this proposed project, and are ensured that your comments and/or concerns raised regarding the proposed project are noted.

The public participation consultants will respond to all comments and queries received during the course of the project.

**For Comments and queries**

Vusani Thanyani Cell:082 261 6601

Tell: 011 074 5369

Email: [Vusani@Noksa.co.za](mailto:Vusani@Noksa.co.za)

## **LIST OF ACRONYMS**

BID Background Information Document

GDARD Gauteng Department of Agriculture and Rural Development EA Environmental Authorisation

EMPr Environmental Management Programme I&AP Interested and Affected Party

NEMA National Environmental Management Act

S& EIA Scoping & Environmental Impact Assessment