



**Section 24G Application Form for the consequences of unlawful commencement or continuation of a listed activity/ies in terms of the:**

1. **National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.**
2. **The National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008)**

**2019**

**Kindly note that:**

1. This application must be submitted where a person has commenced with a listed or specified activity without an environmental authorisation in contravention of section 24F(1) of NEMA (i.e. where the person commenced with an activity listed or specified in terms of section 24(2) (a) or (b) of NEMA - the activities contained in the EIA Listing Notices) or has commenced, undertaken or conducted a waste management activity without a waste management licence in terms of section 20 (b) of the NEM:WA.
2. This **Application Form** must be completed for all section 24G applications, by an independent Environmental Assessment Practitioner ("EAP").
3. This Application Form is current as of 01 June 2019. It is the responsibility of the Applicant/EAP to ascertain whether subsequent versions of the Application Form have been published or produced by the competent authority. Note that this Application Form replaces all the previous versions. This updated Application Form must be used for all new applications submitted from 01 June 2019.

**4. The contents of this Application Form includes the following:**

- Section A: Application Information
  - Section B: Activity Information
  - Section C: Description of Receiving Environment
  - Section D: Preliminary Impact Assessment
  - Section E: Alternatives
  - Section F: Public Participation
  - Section G: Appendices
  - Section H: Declarations
  - Annexure A:
    - Section A: Directive
    - Section B: Deferral
    - Section C: Quantum of S24G Fine
    - Section D: Preliminary Advertisement
    - Section E: Gauteng Pollution Buffer Zones Guidelines
  - Annexure B: Example of Preliminary Newspaper Advertisement
5. An independent EAP must be appointed to complete the required sections (in terms of NEMA and its Regulations) of the Application Form on behalf of the applicant; the declaration of independence must

be completed by the independent EAP and submitted with this Application Form. If a specialist report is required, the specialist will also be required to complete the declaration of independence.

6. Two hard copies (including the original) and one electronic copy (CD/DVD/Flash drive) of this application form must be submitted.
7. The use of “not applicable” in the Application Form must be done with circumspection.
8. **No faxed or e-mailed application forms will be accepted.**
9. Unless protected by law, all information contained in and attached to this application will become public information on receipt by the competent authority. Please note that, unless exemption has been granted in terms of the National Exemption Regulations published under GN R994 in GG 38303 of 8 December 2014, any Interested and Affected Party should be provided with the information contained in and attached to this Application Form as well as any subsequent information submitted.

#### **PROCESS TO BE FOLLOWED:**

- a) **Prior to submission of an Application Form**, the applicant is required to undertake a pre-application public participation process in terms of Regulation 8 of the Regulations relating to the procedure to be followed and criteria to be considered when determining an appropriate fine in terms of section 24G published in the Government Gazette on 20 July 2017, Gazette No 40994, No. R. 698 (“Section 24G Fine Regulations”).
- b) Together with the submission of a section 24G Application Form, the form **must include Proof of compliance of with Regulation 8** of the Section 24G Fine Regulations, including, but not limited to, proof of the pre-application advertisement in a local newspaper and register of I&APs.
- c) The Department will acknowledge receipt of the application and provide the Applicant / EAP with the relevant application reference number to be used in all future correspondence and the application public participation processes.
- d) Upon receipt of the application, the MEC/Competent Authority may direct the applicant in terms of section 24G(1)(i-viii) of the NEMA.
- e) In terms of the provisions of section 24G of NEMA, the applicant must pay an administrative fine up to a maximum of R5 million before the MEC/Competent Authority decides on the application.
- f) The applicant **must within 14 days** of receipt of the determination of the quantum of the fine, ensure that all registered interested and affected parties are notified of the determination of the quantum of the fine, including the reasons and provided with access to the determination.
- g) The administrative fine **must be paid within the time period stipulated** in the administrative Fine Letter. Failure to pay the fine within the specified period, will result in the lapse of the application and any partial amounts paid in will not be refunded.
- h) **Proof of payment of the fine must be submitted to the Department.** Upon payment of the administrative fine, the MEC/Competent Authority may-
  - refuse to issue an environmental authorisation; or

- issue an environmental authorisation to such person to continue, conduct or undertake the activity subject to such conditions as may be deemed necessary, which environmental authorisation shall only take effect from the date on which it has been issued; or
- direct the applicant to provide further information or take further steps prior to making a decision provided for above;
- together with the above decision the MEC/Competent Authority may direct a person to rehabilitate the environment within such time and subject to such conditions as may deem necessary or take any other steps necessary under the circumstances.

**PLEASE NOTE THE FOLLOWING:**

1. Failure to comply with a directive may result in the institution of appropriate legal action as is deemed necessary and as provided for in the legislation.
2. The submission of an application or the granting of an environmental authorisation shall in no way derogate from—
  - (a) the environmental management inspector's or the South African Police Services' authority to investigate any transgression in terms of NEMA or any specific environmental management Act;
  - (b) the National Prosecuting Authority's legal authority to institute any criminal prosecution.
3. If, at any stage after the submission of an application it comes to the attention of the Minister, Minister for mineral resources or MEC that the applicant is under criminal investigation for the contravention of or failure to comply with section 24F(1) or section 20(b) of the *National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008)*, the Minister, Minister for mineral resources or MEC may defer a decision to issue an environmental authorisation until such time that the investigation is concluded and—
  - (a) the National Prosecuting Authority has decided not to institute prosecution in respect of such contravention or failure;
  - (b) the applicant concerned is acquitted or found not guilty after prosecution in respect of such contravention or failure has been instituted; or
  - (c) the applicant concerned has been convicted by a court of law of an offence in respect of such contravention or failure and the applicant has in respect of the conviction exhausted all the recognised legal proceedings pertaining to appeal or review.
4. A person is guilty of an offence if that person:
  - Prior to submission of a section 24G application:
    - fails, in terms of Regulation 8(1), to place a preliminary advertisement in a local newspaper in circulation in the area in which the activity was, or activities were, commenced and on the applicant's website, if any or
    - fails, in terms of Regulation 8(2), to comply with the advertisement requirements set out in Annexure A, section D or
    - fails, in terms of Regulation 8(3), to open and maintain a register of interested and affected parties)); or
    - fails, in terms of Regulation 8(4), to attach to the application form the register of interested and affected parties, which must be included in the report, or form part of the information submitted in terms of section 24G(1) of NEMA.
  - Provides incorrect, false or misleading information in any form, including in any document submitted to a competent authority in terms of the Section 24G Fine Regulations or omits

information that may have an influence on the outcome of a recommendation of the fine committee or determination of the competent authority.

5. A person convicted of an offence in terms of these Regulations is liable to a fine not exceeding R5 million or to imprisonment for a period not exceeding 5 years, and in the case of a second or subsequent conviction to a fine not exceeding R10 million or to imprisonment for a period not exceeding 10 years, and in both instances to both such fine and such imprisonment.
6. Activities which result in detrimental impacts to the environment are considered in a serious light by the Department and accordingly Applicants must understand that by lodging an application for the continuation of activities that commenced/ was undertaken unlawfully does not necessarily imply that the activity will be authorised. In terms of the NEMA, the MEC may either refuse to issue an EA, conditionally authorise the activity or direct you, the Applicant, to provide further information or take further steps prior to making a decision.
7. The environmental data collected as part of the assessment process (spatial, species, etc.) must be given to the department in electronic format. Spatial data should be in the format of zipped shapefiles in WGS 84 projection and an accompanying explanatory document or metadata. Species and other environmental data should be spreadsheet format clearly linked to the relevant spatial data (i.e. wetland species list linked to wetlands delineation). Data can be uploaded on the EIA online system, or zipped and emailed to Mathabo Phoka at [mathabo.phoka@gauteng.gov.za](mailto:mathabo.phoka@gauteng.gov.za).

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## DEPARTMENTAL DETAILS

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**Applications may be submitted:**

**By post to** Gauteng Agriculture and Rural Development, P. O. Box 8769, Johannesburg, 2000

OR

**By hand** at the Section 24G office: 20<sup>th</sup> Floor, Umnotho House, 56 Eloff Street, Johannesburg

Queries must be directed to:

S24G Unit Manager: Ms. Maryjane Ramahlodi  
Gauteng Department of Agriculture and Rural Development  
Tel: (011) 240 2500 (Switchboard) or Direct Lines: 011 240 3020  
E-mail: [Maryjane.Ramahlodi@gauteng.gov.za](mailto:Maryjane.Ramahlodi@gauteng.gov.za)

S24G Unit Assistant Director: Ms. Omolayo Ilemobade  
Gauteng Department of Agriculture and Rural Development  
Tel: (011) 240 2500 (Switchboard) or Direct Lines: 011 240 3022  
E-mail: [omolayo.ilemobade@gauteng.gov.za](mailto:omolayo.ilemobade@gauteng.gov.za)

S24G Unit Assistant Director: Ms. Phindy Malaza  
Gauteng Department of Agriculture and Rural Development  
Tel: (011) 240 2500 (Switchboard) or Direct Lines: 011 240 3021  
E-mail: [phindy.malaza@gauteng.gov.za](mailto:phindy.malaza@gauteng.gov.za)

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**File reference number:**

**Date Received by Section 24G:**


## SECTION A: APPLICATION INFORMATION

### 1. APPLICANT PROFILE INDEX

Mark the correct answer with an 'X'

1.1	The applicant is an individual	<input type="checkbox"/>	NO
1.2	The applicant is a company	<input type="checkbox"/>	NO
1.3	The applicant is a state-owned enterprise or municipality	<input type="checkbox"/>	NO
1.4	Other (specify)	YES <input type="checkbox"/>	<input type="checkbox"/>
	The Applicant is a Non-Profit Organisation		
1.5	There is more than one individual / company responsible for the unlawful commencement of listed activities	<input type="checkbox"/>	NO

Name of Project applicant:	Door of Hope Children's Mission											
RSA Identity number:												
Contact person:	Mr Jeffrey Nell											
Position in company	Property Development Manager											
Registered Name of Company/ Closed Corporation	Door of Hope Children's Mission (Non-Profit Organisation)											
Trading name (if any):												
Registration number	009-149 NPO											
Postal address:	8 Copelia Avenue, Glenvista Ext 3											
		Postal code:	2091									
Telephone:	(011) 432 2797		Cell:	072 604 0744								
E-mail:	jeff@doorofhope.co.za		Fax:	Not Supplied								
<b>Please Note:</b> In instances where there is more than one individual / company responsible for the unlawful commencement of listed activities, please attach a list of the individuals/companies with all contact details to this form.												

Environmental Assessment Practitioner (EAP):	Dr Anthony Mark Avis											
Contact person:	Michael Johnson											
Postal address:	Block C, The Estuaries, Oxbow Crescent, Century City, Cape Town											
		Postal code:	7441									
Telephone:	(021) 045 0900		Cell:	-								
E-mail:	m.johnson@cesnet.co.za		Fax:	(046) 622 6564								
EAP Qualifications	PhD Botany											
EAP Registrations/Associations	SACNASP: South African Council for Natural Scientific Profession EAPSA: Environmental Assessment Practitioner Southern Africa Royal Society of South Africa Botanical Society of South Africa SAAB: South African Association of Botanists											

		South African Institute of Ecologists & Environmental Scientists International Association of Impact Assessment			
Name of Landowner(s):	Door of Hope Children's Mission				
Contact person(s):	Jeffrey Nell				
Postal address:	8 Copelia Avenue, Glenvista Ext 3				
		Postal code:	2091		
Telephone:	(011) 432 2797	Cell:	072 604 0744		
E-mail:	jeff@doorofhope.co.za	Fax:	Not Supplied		
<b>Please Note:</b> In instances where there is more than one landowner, please attach a list of landowners with their contact details to tis form.					
Municipality in whose area of jurisdiction the activity falls:	Midvaal Local Municipality				
Contact person:	Mr Albert De Klerk (Municipal Manager)				
Postal address:	PO Box 9, MEYERTON				
		Postal code:	1960		
Telephone	016 360 7412	Cell:	N/A		
E-mail:	mm@midvaal.gov.za	Fax:	016 360 7519		
<b>Please Note:</b> In instances where there is more than one Municipality involved, please attach a list of Municipalities with their contact details to this form.					
Project title:	Door of Hope Children's Mission Village Estate				
Property location:	The activity falls within the jurisdiction of the Midvaal Local Municipality, under the Sedibeng District Municipality of the Gauteng Province.				
Farm/Erf name & number (incl. portion):	Portion 19 of the farm Hartsenbergfontein 332, De Deur, Gauteng, South Africa.				
SG21 Digit code:	T0IQ00000000332000190				
Co-ordinates:	Latitude (S):			Longitude (E):	
	26°	23'	8.12"	27°	57' 58.39 "
<b>Please Note:</b> Where a large number of properties are involved (e.g. linear activities), attach a list of property descriptions to this form.  Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates must be in degrees, minutes and seconds. The minutes must be given to at least three decimals to ensure adequate accuracy. The EAP is required to contact the relevant competent authority with regards to the projection that must be used.					
Street address:	Aloe Ridge Drive				
Magisterial District or Town:	De Deur				
<b>Please Note:</b> In instances where there is more than one town or district involved, please attach a list of towns or districts as well as complete physical address information for the entire area to this form.					
Closest City/Town:	Johannesburg			Distance	10 Km
Zoning of Property:	Agriculture				

<b>Please Note: In instances where there is more than one zoning, please attach a map clearly indicating the zoning of the different portions.</b>		
Was a rezoning application required?	YES	NO
Was a consent use application required?	YES	NO
<b>Please Note: Where planning approvals have been granted please attach the relevant approvals. Planning approvals were received from Midvaal Municipality. Please see Appendix E1.</b>		
Owners consent:	The applicant is the landowner.	
	<b>Letters of consent from all landowners or a detailed explanation by the applicant explaining why such letters of consent are not furnished must be attached to the application form.</b>	

## 2. APPLICATION HISTORY

(Mark the appropriate box with “☒” and provide a description where required).

Has any national, provincial or local authority considered any development applications on the property previously?	<input type="checkbox"/>	No
<b>If so, please give a brief description of the type and/or nature of the application/s: (In instances where there were more than one application, please attach a list of these applications)</b>		
N/A		
Which authority considered the application(s):		
N/A		
<b>Has any one of the previous application/s on the property been approved or rejected? If so provide a list of the successful and unsuccessful application/s and the reasons for the decision/s.</b>	Yes	No
N/A		
Provide detail on the period of validity of decision(s) and expiry dates of the above applications/ permits etc.		
N/A		

### 3. APPLICANT COMPLIANCE HISTORY

(a) Administrative Enforcement (please indicate any administrative enforcement action that has been taken against the Applicant whether directly or against a Company in which the Applicant is a Director)

Province:	None
Date of Administrative Enforcement:	None
Reference Number:	None

(b) Criminal Enforcement (please indicate any criminal enforcement action that has been taken against the Applicant)

Province:	None
Details of criminal enforcement:	None
Name(s) of director(s) criminally charged:	None
CAS Number:	None

(c) Previous S24G Applications (please indicate any previous section 24G application that has been submitted by the Applicant whether within or outside the Gauteng Province)

Province:	None
Reference Number:	None
Status of application:	None

**4. APPLICANT DECLARATION**

As a consequence of the unlawful commencement or continuation of the listed activity(ies) indicated in Section B of this application form, I hereby apply in terms of Section 24G of the National Environmental Management Act (Act no 107 of 1998, as amended).

Applicant (Full names) \_\_\_\_\_

Signature: \_\_\_\_\_

Place: \_\_\_\_\_

Date: \_\_\_\_\_

EAP (Full names) \_\_\_\_\_

Signature: \_\_\_\_\_

Place: \_\_\_\_\_

Date: \_\_\_\_\_

## SECTION B: ACTIVITY INFORMATION

### 1. ACTIVITIES APPLIED FOR:

Applicants and EAPs are strongly advised to discuss the merits of a combined application (*if deemed applicable*) with the relevant competent authority prior to the completion of this application form and submission thereof.

All potential listed activities associated with the development must be indicated below. (See Annexures B, C, D and E). Only those activities for which the applicant applies will be considered.

**Where the EIA activity/ies applied for commenced during 2006, 2010 and 2014 listed activity regimes, the corresponding activity listed in the 2017 listings must be indicated in Table 6.**

**Where the Waste Management activity/ies applied for commenced during 2009 and 2013 listed activity regimes, the corresponding activity/ies listed in the 2017 listings must be indicated in Table 9.**

The onus is on the applicant to ensure that all the applicable listed activities are included in the application.

**Listed activities applied for. Identify the relevant listed activities applied for below:**

#### National Environmental Management Act, 1998:

**Table 1:**

<b>ECA EIA Contraventions: Between 08 September 1997, end of day 09 May 2002 and still listed in terms of 2010 Regulations.</b>	
Activities unlawfully commenced with on or after 08 September 1997 and before end 09 May 2002: EIA Regulations promulgated in terms of the ECA, Act No 73 of 1989, as amended and are still in terms of 2010 Regulations.	
Listed Activity(ies)	Details of Activity(ies)
None	

**Table 2:**

<b>ECA EIA Contraventions: Between 10 May 2002 and before end of day 03 June 2006 and still listed in terms of 2017 EIA Regulations</b>	
Activities unlawfully commenced with on or after 10 May 2002 and before end of day 02 June 2006: EIA Regulations promulgated in terms of the ECA, Act No 73 of 1989, as amended and are still listed in terms of 2010 Regulations.	
Listed Activity(ies)	Details of Activity(ies)
None	

**Table 3:**

<b>NEMA EIA Contraventions: Between 03 June 2006 and before end of day 01 August 2010</b>	
Activities unlawfully commenced with in terms of the NEMA, Act No 107 of 1998 (as amended) after 03 July 2006 and ended 01 August 2010	
Government Notice No. R386 Activity No(s):	Details of Activity(ies) requiring Basic Assessment
None	
Government Notice No. R387, Activity No(s):	Details of Activity(ies) requiring a Scoping Report and EIA
None	

**Table 4:**

<b>NEMA EIA Contraventions: From 02 August 2010 and before end of day 7 December 2014</b>	
Activities unlawfully commenced with in terms of the NEMA, Act No 107 of 1998 on/after 02 August 2010 and ended 7 December 2014	
Government Notice No. R544 Activity No(s):	Details of Activity(ies) requiring Basic Assessment
None	
Government Notice No. R545, Activity No(s):	Details of Activity(ies) requiring a Scoping Report and EIA
None	
Government Notice No. R546, Activity No(s):	Details of Activities that occurred in specific identified geographical areas only and requires a Scoping Report and EIA
None	

**Table 5:**

<b>NEMA EIA Contraventions: From 08 December 2014 and before end of day 6 April 2017</b>	
Activities unlawfully commenced with in terms of the NEMA, Act No 107 of 1998 on/ after 08 December 2014 and ended 6 April 2017	
Government Notice No. R983 Activity No(s):	Details of Activity(ies) requiring Basic Assessment
None	
Government Notice No. R984, Activity No(s):	Details of Activity(ies) requiring a Scoping Report and EIA
None	
Government Notice No. R985, Activity No(s):	Details of Activities that occurred in specific identified geographical areas only and requires a Scoping Report and EIA
None	

**Table 6:**

<b>NEMA EIA Contraventions: From 07 April 2017</b>	
Activities unlawfully commenced with in terms of the NEMA, Act No 107 of 1998 on/ after 07 April 2017	
Government Notice No. R983, as amended, Activity No(s):	Details of Activity(ies) requiring Basic Assessment
None	
Government Notice No. R984, as amended, Activity No(s):	Details of Activity(ies) requiring a Scoping Report and EIA
None	
Government Notice No. R985, as amended, Activity No(s):	Details of Activities that occurred in specific identified geographical areas only and requires a Scoping Report and EIA
12. (c)(ii)	The clearance of an area of 300 square metres or more of indigenous vegetation. c) In Gauteng: ii. Within Critical Biodiversity Areas or Ecological Support Areas identified in the Gauteng Conservation Plan or bioregional plans

**National Environmental Management: Waste Act, 2009.**

**Table 7:**

<b>NEMWA Activity, 2009: From 03 July 2009 and before end of day 28 November 2013</b>	
Activities unlawfully commenced with in terms of the NEMWA, 2008 promulgated in terms of the NEMA, Act No 107 of 1998 on/after 03 July 2009 and ended 28 November 2013	
Government Notice No. 718 List of Waste Management Activities No(s):	Details of Activity(ies) requiring Basic Assessment
None	
Government Notice No. 718 List of Waste Management Activity No(s):	Details of Activity(ies) requiring a Scoping Report and EIA
None	

**Table 8:**

<b>NEMWA Activity, 2009: From 01 July 2013 and before end of day 10 October 2017</b>	
Activities unlawfully commenced with in terms of the NEMWA, 2008 promulgated in terms of the NEMA, Act No 107 of 1998 on/after 29 November and ended 10 October 2017	
Government Notice No. 921 List of Waste Management Activities No(s) Category A:	Details of Activity(ies) requiring Basic Assessment
None	
Government Notice No. 921 List of Waste Management Activity No(s) (Category B):	Details of Activity(ies) requiring a Scoping Report and EIA
None	

**Table 9:**

<b>NEMWA Activity, 2009: From 11 October 2017</b>	
Activities unlawfully commenced with in terms of the NEMWA, 2008 promulgated in terms of the NEMA, Act No 107 of 1998 on/after 11 October 2017	
Government Notice No. 921, as amended, List of Waste Management Activities No(s): Category A:	Details of Activity(ies) requiring Basic Assessment
None	
Government Notice No. 921, as amended, List of Waste Management Activity No(s), (Category B):	Details of Activity(ies) requiring a Scoping Report and EIA
None	

## 2. ACTIVITY COMMENCEMENT DATE

Date when activity was commenced with for the first time:

August 2017

Tick box if activity is continuing:

Please indicate the current status by ticking the appropriate boxes:

Construction completed	<input checked="" type="checkbox"/>	Activity operational	<input checked="" type="checkbox"/>
Property/ies transferred to new owners	<input type="checkbox"/>	Construction ceased prior to finalization	<input type="checkbox"/>
Operation / activity ceased pending outcome of application	<input type="checkbox"/>	Activity has been decommissioned and property rehabilitated to original state	<input type="checkbox"/>

## 3. ACTIVITY DESCRIPTION

(Mark the correct answer with “” and provide a description where required).

(a) Is/was the project a new development or an upgrade of an existing development?	<input type="checkbox"/> New	<input checked="" type="checkbox"/> Upgrade
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(b) Clearly describe the activity and associated infrastructure commenced with, indicating what has been completed, what still has to be completed and applicable commencement dates.

The Door of Hope Children’s Mission is proposing to develop a private village estate for a possible 300 abandoned and orphaned children. The proposed site is on Portion 19 of the farm Hartsenbergfontein 332 IQ, near De Deur, in the Midvaal Municipality, Gauteng. The proposed village estate will include 70 Housing Units (which includes a baby house), an early childhood development centre, a large dining hall, a school, sports and recreational facilities, storage facilities, medical clinic and therapy offices, maintenance workshops and storerooms, indoor and outdoor private gym, a library, administrative offices, green spaces, subsistence farming gardens, a multipurpose hall / church, four attenuation ponds, a sewerage treatment plant and internal access roads and parking areas.

An application for Environmental Authorisation was submitted on 20/05/2019 (Gaut: 002/19-20/E0045), however it was noted that some development had already occurred. This included the construction of three housing units, a short dirt road and a 10 kl sewerage package plant.

The applicant received local planning approvals and was under the impression that they could start construction. However, the applicant has realised that they have made a mistake and would like to rectify this. All further construction has been stopped. This S24G application is therefore being submitted for the construction and operation of **three housing units, a short dirt road and a 10 kl sewerage package plant**. *The table below indicates the commencement and completion dates of the infrastructure.*

Table 1: Commencement and completion dates

Infrastructure	Commencement Date	Completion date
Clearing	August 2017	October 2018
Housing Construction	January 2018	November 2018
Sewerage Package Plant	October 2018	November 2018

A Basic Assessment is being undertaken for the remainder of the development (i.e. the infrastructure that has not yet been commenced with or constructed).

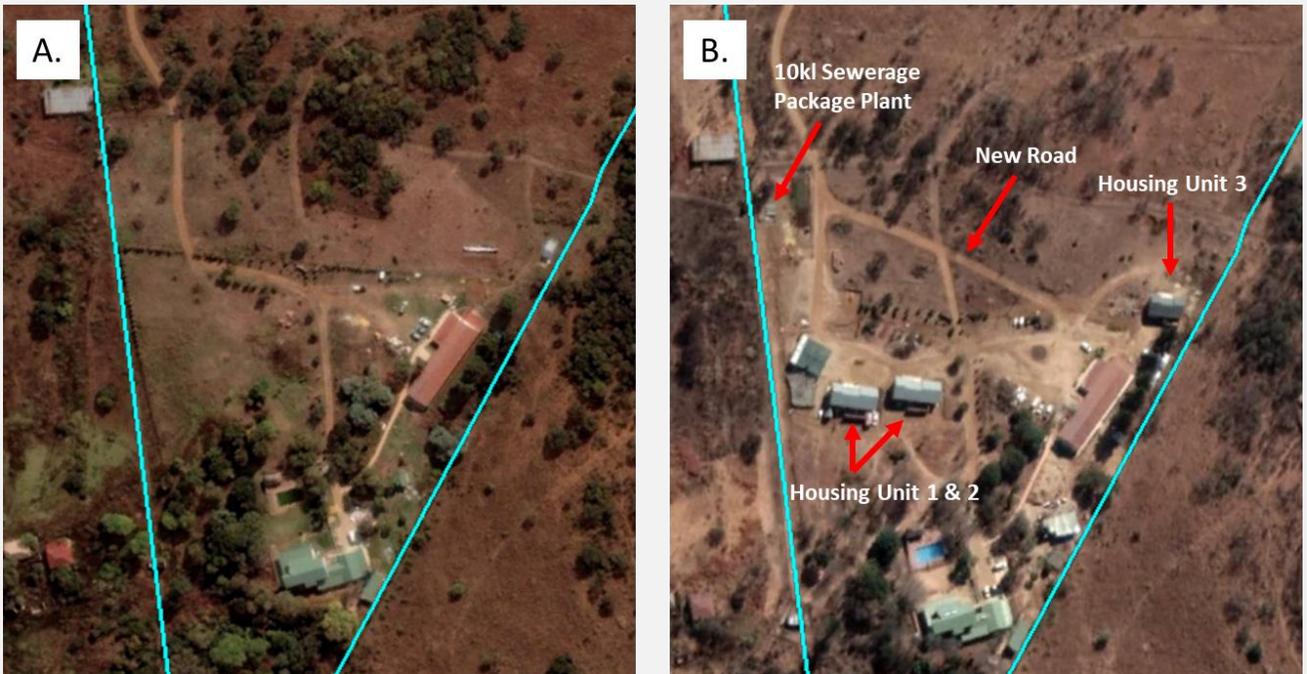


Figure 1: A) Aerial image May 2017. B) Aerial Image August 2019.

(c) Provide details of all components of the activity and attach diagrams (e.g. architectural drawings or perspectives, engineering drawings, process flow charts etc.).

Buildings	YES	
Provide brief description:		
Three housing units have been constructed. These include two three-bedroom units (approximately 170 m <sup>2</sup> each which includes the patios) and 1 two-bedroom unit (approximately 124 m <sup>2</sup> which includes patios).		



Figure 2: Three-bedroom Unit

The walls of each house have been constructed of stumbebloc and conventional brick and are plastered and painted. Chromodek IBR roof sheeting has been used for the roofs. General 'green building principles' have been applied. This includes rainwater harvesting tanks, gas stoves, LED lighting and the use of building materials that require less maintenance. It is also planned that solar panels and solar geysers will also be installed for each unit.

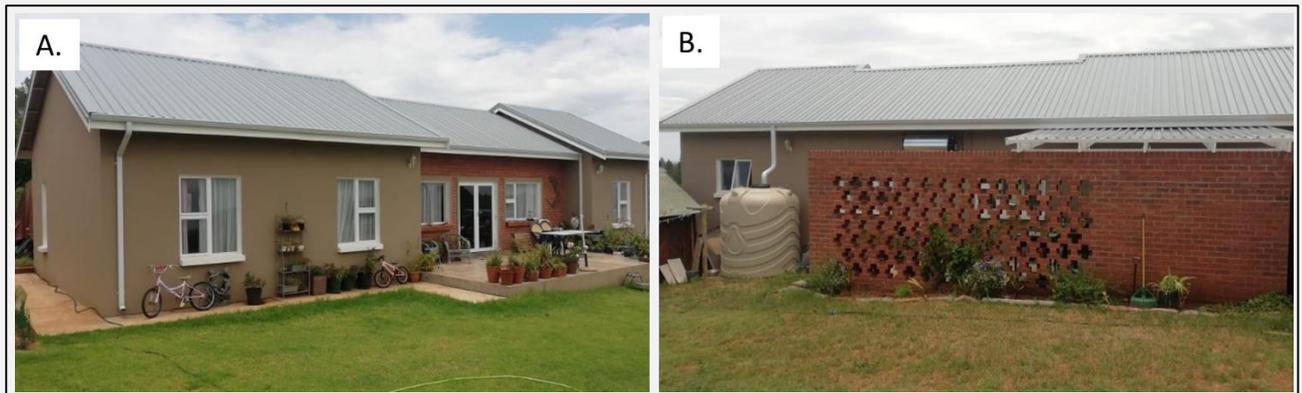


Figure 3: A) Front of unit. B) Back of unit.

The design of the buildings also incorporates natural cross-ventilation (to minimise the need for mechanical ventilation), optimisation of sun exposure and the use of natural light.

Provide brief description:

### Roads

The development can be accessed via Aloe Ridge Drive (D1781) which is an existing tarred road and is in good condition. A dirt road, running along the fence line on the western border of the site, currently connects Aloe Ridge Drive and the development site.

A new dirt road of approximately 110m long and 4.5m wide has been constructed.



*Figure 4: New Road*

### Energy Sources

The development will make use of both municipal electricity and solar energy for electricity generation. Solar energy generation has been incorporated into the design of the residential units and includes solar geysers. However, these will only be installed should the project receive environmental authorisation. Additional energy is sourced from the existing grid. Gas stoves are also incorporated into the design of the residential units.

The current electricity point, is on a 25kVA transformer, meaning the 3-phase supply is providing 40 Amp's per phase.

### Water

No formal municipal bulk water infrastructure exists, nor could be found in the near vicinity of the development. Water is currently being supplied by existing borehole on site. An existing borehole can provide a constant daily supply of 10.5kl/hour/day, resulting in a constant daily supply of 252kl/day which can accommodate the development's water demand. The water quality falls within the minimum standards of the South African National Drinking Water Standards (SANS 241:2015).

The water reticulation consists of a pipe network varying in diameter from 90mm to 110mm. Currently the new pipes connecting to the new houses are lying on top of the ground. Each housing unit also has a 5000L rain water tank to ensure that rooftop rainwater runoff can be collected.

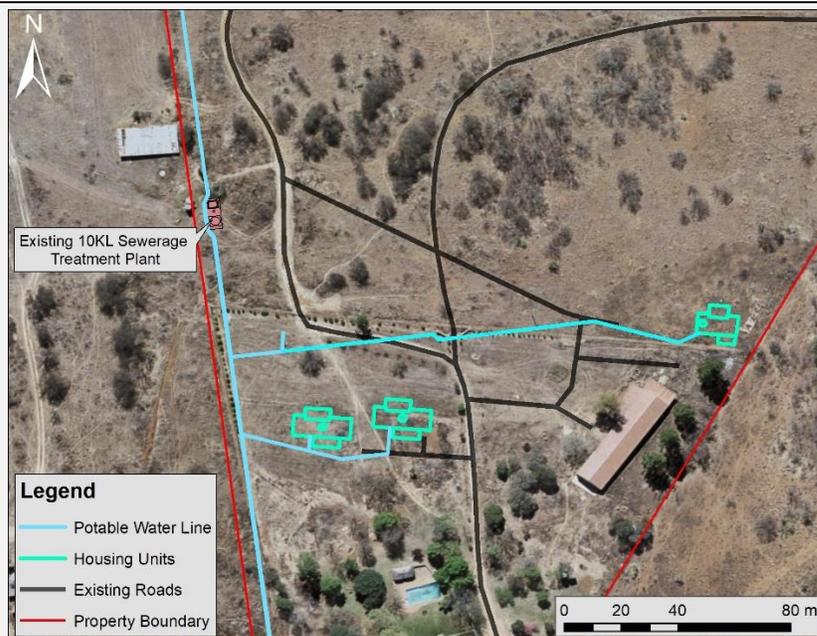


Figure 5: Water pipelines to new housing units

Design/Layout of Development	YES
How will/does the design or layout of the development facilitate resource efficiency (i.e. orientation or location of development) through all phases? Provide brief description.	
Housing units are orientated in such a way that the solar panels and solar geysers, which are located on the roof of the housing units, are oriented towards the north. This is done to gain the maximum benefit from the sun's arc and will produce more energy than panels oriented in other directions.	
As a result of the topography of the property along with the placement of the housing units and sewerage treatment plant, no pumping will be required to move sewerage and effluent from the housing units to the sewerage package plants. This will operate as a gravity fed system and will not require additional electricity for pumping.	
Processing activities (e.g. manufacturing, storage, distribution)	NO
Provide brief description:	
N/A	
Materials	NO
In which phase of the development is the use of virgin materials substituted (or will the use of virgin materials be substituted) with recycled/reused materials to reduce costs and emission of GHG while promoting environmentally friendly developments? Provide brief description.	
N/A	
Storage facilities for raw materials and products (e.g. volume and substances to be stored)	
Provide brief description	NO
N/A	
Storage and treatment facilities for solid waste and effluent generated by the project	YES
Provide brief description	
There is no municipal bulk sewerage infrastructure currently on-site.	
The site drains in a north-westerly direction. A 10KL sewer treatment plant has been installed to service the existing infrastructure. Underground sewerage lines connecting the houses to the sewer treatment plant have been installed.	

The main process used by the sewerage treatment plant is a standard activated sludge system, where the BOD is broken down using air and bacteria, which grow in this medium. The bacteria grow naturally, and no additional bio-chemicals have to be added in the process.

The effluent specification is General Standard in accordance with the terms of the current South African Legislation. (Government Gazette 20526 of 8 October 1999, Department of Water Affairs publication No.1191 in terms of Section 39 of the National Water Act No 36 of 1988) this excludes both phosphate removal and special denitrification. This effluent is suitable for irrigation.

The system is based on the activated sludge process.

The use of a single fibreglass tank, which gives the advantage of the much stronger fibreglass construction as well as being a single tank, installation is easy and can be done quickly.

In principle, the raw sewage is introduced into a series of zones, where it is contacted with air, blown into the tanks by means of a special blower so that the natural aerobic bacteria break down the sewage. A coarse bubble aeration system, which does mix the liquor strongly and has proven to be very effective.

The plant is based on a continuous treatment of the sewage and flow through the plant is based on gravity. These rather basic design considerations have however significant effect on the operation of the plant:

- The design can cope with fluctuating flows during the day. As the flow is attenuated through the plant, peaks can be handled very effectively. The series of zones used ensure that peak flows reduce through the plant even if we have allowed for the high peak values.
- No pumps are used in the main sewage flow inside the plant. These normally need to be designed for peak flows so that the plant operates generally at peak flow conditions. In the plant itself, flows are by gravity only.
- Because of the fact that the system operates continuously, the effluent is of a constant nature. It is thus easier to maintain a good effluent quality with little or no operator interference.
- Because of the series of zones used, the system can also cope with high and low input levels.

In addition to the normal installation of this plant, it has been installed below Natural Ground Level (NGL) within sealed vinyl housing surrounded by river sand on each side. Two inspection pipes have been installed within the housing to the tank floor level to monitor for any spillages. The effluent water from the treatment plant is of agricultural quality and will be used for irrigation of the gardens. The external and internal sewer drainage network operates as a gravity system.

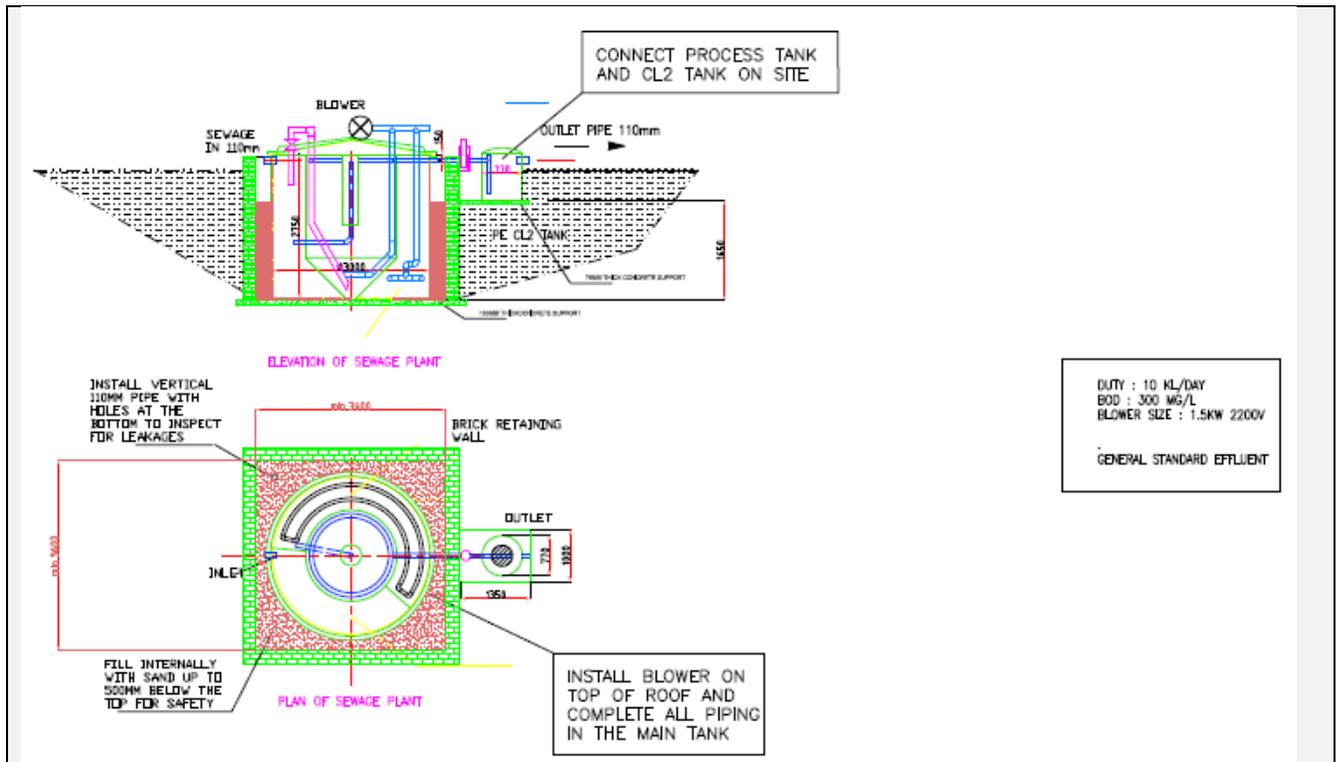


Figure 6: Design of 10kl sewerage plant

The design has been based the table below:

Design Standards																	
1	Sewerage outflow per day	10 kl/day															
2	Peak factor	2.5															
3	Sewer capacity	Pipes Shall be designed to run at 70% full, measured in terms of flow depth															
4	Provision of stormwater infiltration	15%															
5	Flow formula	Manning n = 0.013															
6	Minimum velocities in sewers	0.75 m/s at full flow															
7	Minimum pipe size for reticulation	145 mm internal diameter															
8	Minimum gradients	<table border="1"> <thead> <tr> <th>Nominal <math>\phi</math> (mm)</th> <th>Minimum grade with depth of flow = 1/5 D and V = 0.6m/s</th> <th>Minimum grade with depth of flow = 1/2 D and V = 0.82m/s</th> </tr> </thead> <tbody> <tr> <td>160</td> <td>1/80</td> <td>1/100</td> </tr> <tr> <td>200</td> <td>1/120</td> <td>1/200</td> </tr> <tr> <td>250</td> <td>1/160</td> <td>1/240</td> </tr> <tr> <td>300</td> <td>1/200</td> <td>1/300</td> </tr> </tbody> </table>	Nominal $\phi$ (mm)	Minimum grade with depth of flow = 1/5 D and V = 0.6m/s	Minimum grade with depth of flow = 1/2 D and V = 0.82m/s	160	1/80	1/100	200	1/120	1/200	250	1/160	1/240	300	1/200	1/300
Nominal $\phi$ (mm)	Minimum grade with depth of flow = 1/5 D and V = 0.6m/s	Minimum grade with depth of flow = 1/2 D and V = 0.82m/s															
160	1/80	1/100															
200	1/120	1/200															
250	1/160	1/240															
300	1/200	1/300															
9	Fall through manholes	80 mm															
10	Depth of sewer <ul style="list-style-type: none"> <li>In mid-blocks</li> <li>In street reserves</li> </ul>	1.2m depth to invert 1.5m depth to invert															
11	Maximum manhole spacing	110m															
12	Placement of sewers in road reserve	1m from erf boundary on high side of street															
13	Placement of sewer inside midblock	1m from boundary															
14	Dolomitic risk category	None															
15	Pipe material <ul style="list-style-type: none"> <li>Type</li> <li>Class</li> </ul>	uPVC Class 400 12 m minimum															

	<ul style="list-style-type: none"> <li>• Supply Lengths</li> <li>• Joints</li> </ul>	uPVC
16	Sewer manholes	Concrete Manhole rings with steps

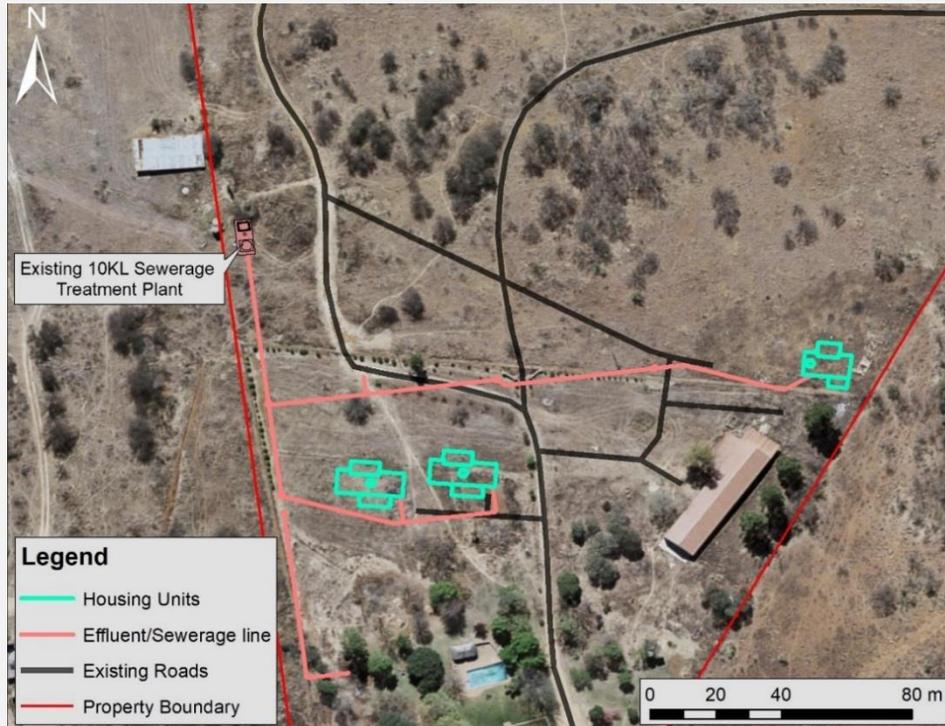


Figure 7: Effluent/Sewerage lines from new housing units to new 10kl sewerage treatment plant

Other activities (e.g. water abstraction activities, crop planting activities)	
Provide brief description	
N/A	

#### 4. ACTIVITY NEED AND DESIRABILITY

Describe the need and desirability of the activity:

It is estimated that in South Africa there are currently over 2.5 million orphans (based on the Statistic SA 2018 General Household Survey and Mid-year population estimates). In Gauteng, it is estimated that 9.2% of the childhood population (i.e. 18 years old or younger) are orphans. Of this, approximately 1.7% or 78 817 children are “Double Orphaned” (i.e. a child whose mother and father have both died). This value is increasing due to the rate of child abandonment rising and a significant drop in adoptions.

The Door of Hope currently operates three baby homes where babies enjoy the loving care of caregivers and volunteers. Two of the homes are based in Glenvista and one home in Berea. Door of Hope is affiliated with an adoption agency (Abba Specialist Adoption and Social Services) that facilitates their adoptions both in South Africa and other parts of the world. Not all babies are adopted due to parental involvement, special needs, illness or death. In the past 20 years Door of Hope has helped over 1 680 babies and has around 60 to 70 babies in care at any given time.

Door of Hope Children’s Mission is a faith-based organisation (NGO, NPO) that wish to develop a private village estate for abandoned and orphaned children. Door of Hope aims to provide these children with a safe and loving home, either temporarily while awaiting adoption or permanently for those not adopted.

In doing so, the Village Estate aims to addresses the South African Constitutional Right to have access to adequate housing and slightly reduces the resource burden on the state through ensuring private care of orphans. The Estate development will also create temporary and permanent job opportunities and aims to develop skills of the surrounding local community.

The infrastructure which has already been constructed forms part of phase 1 of the Door of Hope Village Estate. Each housing unit has the capacity to accommodate between 6 and 8 orphans. Considering that there is no bulk sewerage infrastructure on site, it was necessary to install the 10 kl sewerage plant to service all existing infrastructure. Future development, which is being applied for in a separate Basic Assessment process, includes housing units where the old road exists, therefore the new short dirt road was constructed.

Indicate the benefits that the activity has/had for society in general and also indicate what benefits the activity has/had for the local communities where it is located:

The development will enhance the quality of life for abandoned children by offering them a place to stay. In doing so, the resource burden has been slightly reduced by ensuring private care of orphans. Currently the organization have between 65 – 80 children in their care at their other facilities. Children will only be housed at the Door of Hope Village estate following completion of construction, which can only happen once they receive and environmental authorization.

Three permanent jobs have been created on site as well as temporary jobs during the construction phase. The temporary jobs equated to an average of 10 people for 1 year.

#### 5. PHYSICAL SIZE OF THE ACTIVITY

Indicate the physical spatial size of the activity as well as associated infrastructure (footprints):	1355 m <sup>2</sup>
Indicate the area that has been transformed / cleared to allow for the activity as well as associated infrastructure	4185 m <sup>2</sup>
Total area (sum of the footprint area and transformed area)	5540 m <sup>2</sup>

## 6. SITE ACCESS

Was there an existing access road?	YES
If no, what was the distance over which the new access road was built?	

Describe the type of access road constructed: [indicate the position of the access road on the site plan]

The development can be accessed via Aloe Ridge Drive (D1781) which is an existing tarred road and is in good condition. An existing dirt road, running along the fence line on the western border of the site, currently connects Aloe Ridge Drive and the development site.

A new dirt road (yellow line in figure 6) of approximately 110m long and 4.5m wide has been constructed near the development site.



Figure 8: Site Access

## 7. SITE PHOTOGRAPHS

Colour photographs of the site and its surroundings (taken of the site and from the site), both before (if available) and after the activity commenced, with a description of each photograph must be attached to this application. The vantage points from which the photographs were taken must be indicated on the site plan, or locality plan as applicable. If available, please also provide past and recent aerial photographs. It should be supplemented with additional photographs of relevant features on the site. Date of photographs must be included. Photographs must be attached under Appendix D to this form.

## 8. APPLICABLE LEGISLATION, POLICIES AND/OR GUIDELINES

Please list all legislation, policies and/or guidelines that were or are relevant to this activity.

Legislation	Administering Authority	Type Permit/ license/ authorization/comment	Date (if already obtained):
National Environmental Management Act, 1998 (Act No. 107 of 1998)	Department of Environment, Forestry and Fisheries (DEFF), GDARD	Environmental Authorisation	-
2014 Environmental Impact Assessment Regulations, promulgated in terms of Section 24(5) of NEMA (as amended on 07 April 2017)	DEFF, GDARD	Environmental Authorisation	-
National Water Act, 1998 (Act No. 36 of 1998), as amended.	Department of Human Settlements, Water and Sanitation	Registration	-
National Heritage Resources Act, 1999 (Act No. 25 of 1999)	South African Heritage Resources Agency (SAHRA)	Record of Decision	-
National Environmental Management Biodiversity Act, 2004 (Act No. 10 of 2004).	DEFF, GDARD	Permit	-
POLICY/ GUIDELINES		ADMINISTERING AUTHORITY	
Gauteng Spatial Development Framework (01 February 2011)		GDARD	
Gauteng Ridges Policy (23 June 2006)		GDARD	
Gauteng Conservation Plan (December 2010)		GDARD	
Gauteng Environmental Management Framework (May 2015)		GDARD	
Gauteng Red Data Policy (September 2001)		GDARD	
Sedibeng District Municipality Integrated Development Plan (IDP) 2017-2021		Municipal (District)	
Sedibeng Spatial Development Framework (SDF) 2014-2017		Municipal (District)	
Midvaal Local Municipality IDP 2017-2022		Municipal (Local)	
Midvaal Western Region SDF		Municipal (Local)	

# SECTION C: DESCRIPTION OF RECEIVING ENVIRONMENT

## Site/Area Description

For linear activities (pipelines etc) as well as activities that cover very large sites, it may be necessary to complete copies of this Section for each part of the site that has a significantly different environment. In such cases please complete copies of Section C and indicate the area which is covered by each copy No. on the Site Plan.

Section C Copy No. (e.g. 1, 2, or 3):

N/A

### 1. GRADIENT OF THE SITE

Indicate the general gradient of the site(s) (cross out the appropriate box).

1:10 – 1:5

### 2. LOCATION IN LANDSCAPE

Indicate the landform(s) that best describes the site (cross out (“”) the appropriate box (es)).

Side slope of ridge

If other, provide details.

### 3. GROUNDWATER, SOIL AND GEOLOGICAL STABILITY OF THE SITE

Is the site(s) located on or near any of the following [cross out (“”) the appropriate boxes]?

Shallow water table (less than 1.5m deep)	<input type="checkbox"/>	NO
Seasonally wet soils (often close to water bodies)	<input type="checkbox"/>	NO
Unstable rocky slopes or steep slopes with loose soil	<input type="checkbox"/>	NO
Dispersive soils (soils that dissolve in water)	<input type="checkbox"/>	NO
Soils with high clay content	<input type="checkbox"/>	NO
Any other unstable soil or geological feature	<input type="checkbox"/>	NO
An area sensitive to erosion	<input type="checkbox"/>	NO

If any of the answers to the above are “YES” or “UNSURE”, specialist input may be requested by the Department. Information in respect of the above will often be available at the planning Sections of local authorities. Where it exists, the 1:50 000 scale Regional Geotechnical Maps prepared by Geological Survey may also be used.

**Geotechnical study was conducted by the applicant as part of the planning phase.**

#### 4. SURFACE WATER

Indicate the surface water present on and/or adjacent to the site and alternative sites (cross out (“☒”) the appropriate boxes)?

Perennial River		NO	
Non-Perennial River		NO	
Permanent Wetland		NO	
Seasonal Wetland		NO	
Artificial Wetland		NO	

If any of the answers to the above are “YES” or “UNSURE”, specialist input may be requested by the Department. Information in respect of the above will often be available at the planning Sections of local authorities. Where it exists, the 1:50 000 scale Regional Geotechnical Maps prepared by Geological Survey may also be used.

**Aquatic Specialist Study was conducted for the entire property and is attached as Appendix F1b. Letter of opinion on the constructed infrastructure is attached as Appendix F1a.**

#### 5. VEGETATION AND GROUNDCOVER

##### 5.1 VEGETATION / GROUNDCOVER (PRE-COMMENCEMENT, IF KNOWN)

Mark with an (“☒”) the block or describe (where required) the vegetation types / groundcover present on the site before commencement of the activity.

Indigenous Vegetation - good condition		Indigenous Vegetation with scattered aliens		Indigenous Vegetation with heavy alien infestation	X
Indigenous Vegetation in an ecological corridor or along a soil boundary / interface		Veld dominated by alien species		Distinctive soil conditions (e.g. Sand over shale, quartz patches, limestone, alluvial deposits, termitaria etc.) – describe	
Bare soil		Building or other structure		Sport field	
Paved surface		Cultivated land		Other (describe below)	X
Grass or lawn					

##### Describe the vegetation type:

The ridge vegetation forms an open thicket, with a grassy understory with some herbaceous species and geophytes. It is about 5m tall at its tallest. The indigenous trees dominating this vegetation community type are *Vachellia caffra*, *Celtis africana* and *Dombeya rotundifolia* as relatively large trees and *Euclea crispa* and *Erhetia rigida* forming the shorter trees and shrubs stratum. The basal layer comprised grass species (either dry or burnt) with exposed rocky areas supporting *Boophone disticha*, *Kohautia amatymbica*, *Pentanisia angustifolia*, *Asparagus sp.*, *Ipomoea bathycolops*, *Scadoxys punicens* and *Aloe zebrina*, among others.

This vegetation type is heavily invaded by a variety of invasive species including *Melia azedarach*, *Agave sisalana*, *Agave Americana*, *Pinus sp.*, *Opuntia ficus-indica*, *Cercus jamacara* and *Jacaranda mimosifolia*. The most dominant invasive is *Acacia mearnsii* which forms a dominant tree species on the northern part of the ridge.

Although the infrastructure has been built within a CBA and on a ridge, historical imagery indicates that two of the three housing units were built in an area that was previously covered by lawn, indicating low impacts on the indigenous vegetation. However, the third housing unit, the road and the 10kl sewerage package plant resulted in the clearing of approximately 2180m<sup>2</sup> of vegetation on the category 3 ridge. Ridge vegetation forms valuable and sensitive habitat.

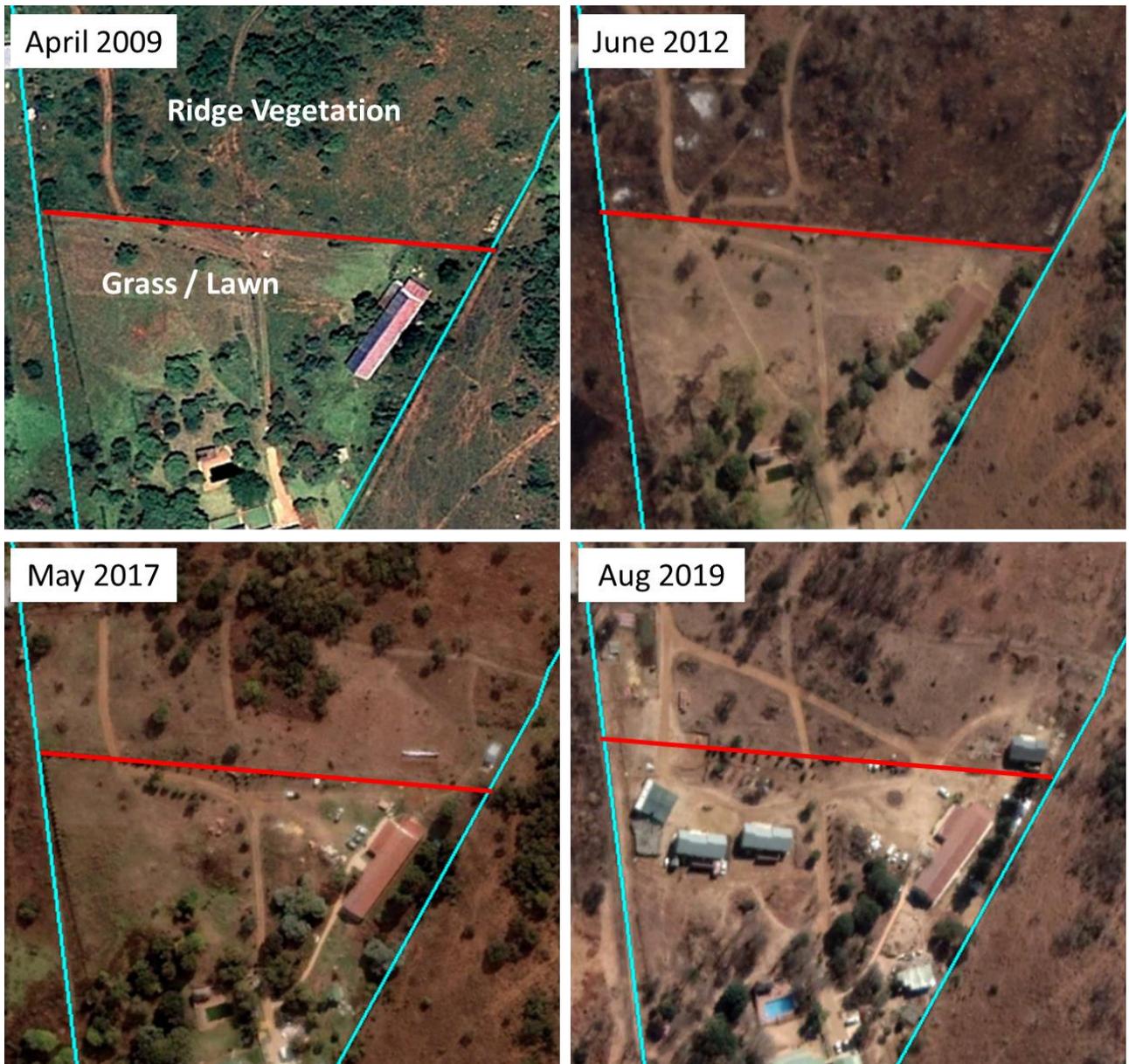


Figure 9: Vegetation at the site

### Describe the ecosystem status

The study area includes a ridge that comprises sections that form a Class 3 ridge, and some areas of the ridge that are transformed. The study area also falls within a CBA and ESA identified by the Gauteng C-Plan. The study area comprises Gauteng Shale Mountain Bushveld (Vulnerable) according to Mucina and Rutherford (2012). No protected areas or National Protected Areas Expansion Strategy areas lie within 10kms of the site. Two Threatened Ecosystems occur within 5km of the site.

### 5.2. VEGETATION / GROUNDCOVER (POST-COMMENCEMENT)

Mark with an ("☒") the block or describe (where required) the vegetation types / groundcover present on the site after commencement of the activity.

Indigenous Vegetation - good condition		Indigenous Vegetation with scattered aliens		Indigenous Vegetation with heavy alien infestation	X
Indigenous Vegetation in an ecological corridor or along a soil boundary / interface		Veld dominated by alien species		Distinctive soil conditions (e.g. Sand over shale, quartz patches, limestone, alluvial deposits, termitaria etc.) – describe	
Bare soil	X	Building or other structure	X	Sport field	
Paved surface		Cultivated land		Other (describe below)	

**Please note:** The Department may request specialist input/studies depending on the nature of the vegetation type / groundcover and impact(s) of the activity/ies.

**Ecological Impact Assessment was conducted for the entire property and is attached as Appendix F2b. Letter of opinion on the constructed infrastructure is attached as Appendix F2a.**

### Describe the vegetation type:

Some of the infrastructure (including housing unit 1 and 2) have replaced areas of grass/lawns. The 10kl sewerage treatment plant, the new dirt road and housing unit 3 have resulted in the clearing of approximately 2180m<sup>2</sup> ridge vegetation.

Grass/lawn vegetation still occurs to the south of housing units 1 and 2. Ridge vegetation still occurs to the north of the sewerage treatment plant, new dirt road and housing unit 3.

### Describe the ecosystem status:

The only change is that the transformed area of the Class 3 ridge has increased by 2180m<sup>2</sup>.

### 5.3 VEGETATION / GROUNDCOVER MANAGEMENT

Describe any mitigation/management measures that were adopted and the adequacy of these:

None currently.

However, it has been proposed by the Ecological Specialist that the remainder of the ridge area must be managed as a conservation area and that alien vegetation must be controlled throughout the life of the development. To achieve this the following plans should be included in the EMPr:

- Alien Vegetation Management Plan
- Conservation Management Plan



## 7. REGIONAL PLANNING CONTEXT

Is/was the activity permitted in terms of the property's existing land use rights? Please explain:

Yes. The applicant received sign off from Midvaal to build the homes under the current zoning. They were also advised not to install a traditional septic tank but rather a more robust system that would provide a better quality of water. The planning approvals are attached to Appendix E1.

**Is/was the activity in line with the following?**

Provincial Spatial Development Framework (PSDF)

YES

Please explain

The Gauteng SDF 2030 is based on six spatial objectives, two of which are the following:

### Liveability

Focus on the creation of settlements in which people can live their lives in a way that is worthy of human beings, that enables contentment, personal growth and health social interactions.

**The project will provide a place where orphaned and abandoned children can stay, be cared for and can go to school.**

### Viability

Maximise access to goods, services and opportunities within the region and ensure optimal use of available land, services and facilities in the region in a manner that can be sustained over time.

**The property is large enough for the development of the village estate and located near the Johannesburg Centre, where Door of Hope's operations and head office are, and where most of their staff stay. It is also where most of the orphaned and abandoned babies, under their care, come from.**

**This layout has been optimised to ensure that sensitive areas are avoided as far as possible, and to make the best use of available space.**

The Gauteng Spatial Development Framework 2030 is furthermore based on four key spatial development strategies, namely:

- Building an Integrated Network;
- Capitalising on Proximity;
- Managing Settlement Development and Growth; and
- Creating a Viable and Productive Hinterland.

These four strategies ultimately make up the composite Gauteng Spatial Development Framework 2030. From this framework, the following strategic development initiative is directly relevant to this project:

- Incremental development of the western parts of the municipality in the strip of land between R82 and N1 that traverses the Midvaal area to the west.

**The Door of Hope development is located approximately 1km West of the R89 and would thus falls on land between the R82 and N1.**

Urban edge / Edge of Built Environment for the area

NO

Please explain

The site falls outside the urban edge.

o Integrated Development Plan of the Local Municipality	YES		Please explain
<p>In order to support the national, provincial and district policies, plans and objectives as well as deliver on the political vision for Midvaal Local Municipality (MLM). MLM has developed a performance framework which is aligned to and supports the objectives of both.</p> <p>The MLM Performance Framework is composed of Key Performance Areas (KPAs) which are the areas of focus required for the Municipality to achieve its strategic objectives and are aligned with the Promises made as part of the political vision. MLM has developed eight KPAs. Of the 8 KPAs, the project is in line with at least three. These include:</p> <p><u>KPA 3: Social &amp; Community Development</u> To create an environment focusing on uplifting the youth, the poor and the most vulnerable.</p> <p><u>KPA 6: Physical Infrastructure &amp; Energy Efficiency</u> Th ensure sufficient infrastructure and energy supply that will improve the quality of life of the community.</p> <p><u>KPA 8: Economic Growth and Development</u> Facilitate sustainable economic empowerment for all communities within the Midvaal and through the development of partnerships and innovation.</p> <p>In addition to the KPAs mentioned above, the IDP includes a 5-year development plan with the following vision: <i>“To inclusively serve the needs of the community”</i>. The IDP also highlights the need to prioritise the upliftment of the youth in order to achieve its vision.</p> <p><b>The proposed project will:</b></p> <ul style="list-style-type: none"> <li>• <b>Create permanent and temporary job opportunities for people in surrounding communities.</b></li> <li>• <b>Provide private investment into the area without putting additional pressure on the already “lacking sanitation capacity”</b></li> <li>• <b>Aid in the alleviation of poverty and provide upliftment to the surrounding communities.</b></li> <li>• <b>Provide a place where orphaned and abandoned children can stay, be cared for and can go to school.</b></li> </ul>			
o Spatial Development Framework of the Local Municipality	YES		Please explain
<p>Section 5 of the SDF details a spatial analysis and synthesis of the Midvaal Local Municipality. One development opportunity highlighted is that the R82 road has been highlighted as a development corridor in the Gauteng SDF.</p> <p>The Midvaal SDF highlights the following development constraints</p> <ul style="list-style-type: none"> <li>• Insufficient water and sanitation infrastructure along R82 may deter development</li> <li>• The urban footprint of Midvaal is very fragmented. The long-term vision for the area is thus extensive corridor development along the R59 and R82 and along the R154 and K164 in an effort to functionally consolidate the urban fabric of the municipality along two north-south and two east-west roads.</li> </ul> <p><b>The Door of Hope development is located approximately 1km West of the R89 and would thus likely fall within such development corridor. Furthermore, the development ensures efficient growth as it does not increase the burden on Municipal services. The development utilises a registered on-site borehole for water supply and a newly constructed on-site 10kl waste treatment plant for the treatment of sewerage.</b></p> <p>Midvaal SDF is based on a number of Development Principles associated with the various functional and structuring elements within the Midvaal area. These Principles form the individual layers which the SDF</p>			

comprises, and these are incrementally consolidated to form one Integrated Spatial Development Framework for the Midvaal area. 10 development principals have been developed. Of particular importance to this project is:

**Environmental Management:** To protect and actively manage the natural environmental resources in the Midvaal Municipal Area in order to ensure a sustainable equilibrium between agricultural, tourism, industrial/ manufacturing and mining activities, as well as urbanisation pressures in the area.

The SDF subdivides the Midvaal area into the following four distinct Environmental Control Zones:

- Zone 1: High Control Zone (Regional Open space System)
- Zone 2: Normal Control Zone (Agricultural, Low Density Residential Tourism and Light Industrial/ Agri Industries outside Zone 1 (Open Space) and Zone 3 (Urban Edge)
- Zone 3: Urban Development Zone (All areas earmarked for Urbanisation/Township Establishment) – also nodes along corridors
- Zone 4: Industrial and Large Commercial Focus Areas (Normally within Urban Edge)

Environmental features that are deemed to form part of the regional open space system of the Midvaal area make up the high control zone (Zone 1). These include the drainage system, the proclaimed nature reserves and registered conservancies, as well as the ridges within the municipal area.

The development that has occurred on this site, has taken place on a Category 3 Ridge and thus falls within The High Control Zone (Zone 1). Category 1 and 2 ridges are considered non-negotiable components of Zone 1.

Zone 1 must be managed in line with the Midvaal Environmental Management Framework (June 2008).

**Zone 1: High Control Zone**

**Intention**

Special control zones are sensitive areas within and outside the urban development zone. These areas are sensitive to development activities and in several cases also have specific values that need to be protected.

**Composition**

The following areas have been identified in this zone:

- Conservation priority areas (CBAs);
- Rivers (including 32m buffers);
- Ridges;
- Areas that are sensitive (as determined in the sensitivity assessment);
- Protected areas;
- The creation of the Vaal Dam conservation and recreation area with the focus on grassland conservation and extensive recreation activities;
- The creation of the Johannesburg south conservation, recreation and intensive small scale agriculture area around the Klip River.

**Conditions**

No listed activities may be excluded from environmental assessment requirements in this zone and further activities may be added where necessary to protect the environment in this zone. Additional requirements (guidelines, precinct plans, etc.) to ensure the proper development of identified areas in this zone, in a manner that will enhance their potential for conservation, tourism and recreation may be introduced.

**All listed activities that have been triggered by the construction that has occurred on site, are included and being assessed through this application.**

○ Approved Structure Plan of the Municipality	YES	Please explain
---	-----	----------------

As explained above, the SDF states that the long-term vision for the area is extensive corridor development along the R59 and R82 and along the R154 and K164 in an effort to functionally consolidate the urban fabric of the municipality along two north-south and two east-west roads.

**The Door of Hope development is located approximately 1km West of the R89 and would thus likely fall within such development corridor.**

○ Any other Plans	YES	[REDACTED]	Please explain
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Building plans were approved for the infrastructure that has been constructed.

## 8. SOCIO-ECONOMIC CONTEXT

### 8.1 SOCIO-ECONOMIC CONTEXT (PRE-COMMENCEMENT)

Describe the pre-commencement social and economic characteristics of the community in order to provide baseline information.

The study area falls under the administrative area of the Midvaal Local Municipality (MLM) in the Sedibeng District Municipality.

#### Population and household profile

Midvaal Local Municipality has a population of about 111 612 (Statistics SA community survey, 2016). This is an increase from 95 301 recorded by the 2011 Statistics SA census. The number of households has increased from 29 964 in 2011 to 38 046 in 2016. The population is generally concentrated in areas close to the R59 road. The remaining areas have relatively low population densities, increasing towards the local municipal border with the Emfuleni municipality.

#### Age and Gender Structure

A majority of Midvaal's population (70.5 %) falls within the economically viable 15-64 age group, indicating a large supply of labour. The dependency ratio within Midvaal is 42 %, meaning that every person comprising this age group supports 0.42 people comprising the economically inactive age groups (youth and elderly). The gender profile of the Midvaal Local Municipality indicates that there are slightly more males (52%) than females (48%) within the population.

#### Level of Education

Only 5.2% of the total population of people aged 20 years or older living within the Midvaal Local Municipality have not received any schooling. 34.4% have some secondary education, 32.3% have completed matric and 15.3% have some form of higher education.

#### Level of Employment

The unemployment rate in the Midvaal Local Municipality is 18.8%. This means Midvaal has an employment rate of 81.2%, which is among the highest when compared to the provincial and district situation.

#### Household Incomes

There is a wide distribution of income per household within the Midvaal Local Municipality. The weighted average household income is R 15,794 per month. 13.9 % of all households earn no income.

## 8.2 SOCIO-ECONOMIC CONTEXT (POST-COMMENCEMENT)

Describe the post commencement social and economic characteristics of the community in order to determine any change.

Three permanent jobs have been created on site as well as temporary jobs during the construction phase. The temporary jobs equated to an average of 10 people for 1 year.

Door of Hope receives support from USA and European organizations and the money directly received from overseas for the site has easily exceeded R1 000 000 to date. This is direct foreign capital flowing into the area and country and was used to pay staff and buy materials used on site to build the homes and infrastructure. Additional funds be received in future to further develop the site.

## 9. CULTURAL/HISTORICAL FEATURES

Were there any signs or evidence (unearthed during construction) of culturally or historically significant elements including archaeological or paleontological sites, on or in close proximity to the site?		NO
If YES, explain:	N/A	
If uncertain, the Department may request that specialist input be provided to establish whether such possibilities occurred on or close to the site.		
Briefly explain the findings of the specialist if one was already appointed:	<p>An Archaeological Impact Assessment (Appendix F3b) and Palaeontological Desktop Study (Appendix F4) have been undertaken for the entire property as part of the Basic Assessment for the larger development.</p> <p><u>Archaeological Study</u>  The Archaeological Specialist noted the following features within the property boundaries:</p> <ul style="list-style-type: none"> <li>• The remains of a Historical Period “kraal” (Site Exigo-DOH-HP01) occurring along the northern periphery; and</li> <li>• An informal burial site containing at least 3 graves (Site Exigo-DOH-BP01) occurring near the north western border of the property, roughly 145m from the Aloe Ridge road.</li> </ul> <p>The archaeological specialist was consulted regarding the constructed infrastructure. The specialist provided an opinion letter (See Appendix F3a) stating that the clearing of vegetation and other construction activities did not have a significant impact on heritage resources or the larger heritage landscape and it is recommended that the developer be exempted from further Phases of heritage and / or archaeological impact assessments for the S24G application area, subject to Minimum Standards: Archaeological and Palaeontological Components of Impact Assessment as set out by the South African Heritage Resources Agency (SAHRA).</p> <p><u>Palaeontological Study</u>  No features were identified. The Palaeontological Specialist noted that the likelihood that fossils are preserved in the study site are slim due to the thermal metamorphosis this formation would have experienced during the intrusion of the syenite dyke.</p>	
Were any buildings or structures older than 60 years affected in any way?		NO
Was it necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999)?		NO
If yes, please submit or, make sure that the applicant or a specialist submit the necessary application to SAHRA or the relevant provincial heritage agency and attach proof thereof to this application.		

## SECTION D: PRELIMINARY IMPACT ASSESSMENT

Please note, the impacts identified below refer to general impacts commonly associated with development activities. The list below is not exhaustive and may need to be supplemented. Where required, please attach the information on any additional impacts to this application. Please note the Department may request further specialist input/studies depending on the nature of the land use character of the area and potential environmental impact(s) of the activity/ies.

### 1. WASTE, EFFLUENT AND EMISSION MANAGEMENT

#### (a) Solid Waste Management

Did/does the activity produce any general waste (e.g. domestic-, commercial-, certain industrial waste, including building rubble also known as solid waste) during the construction phase <u>and/or</u> the operational phase?	YES	
If yes, briefly describe what type of waste was produced (i.e. green waste, building rubble, etc.) and indicate in which phase.		
<p><u>Construction waste</u> During the construction phase, construction solid waste generated by the project was gathered and stored in an appropriate, central area on site. Where possible the construction waste was reused on site. The remainder has been kept on site and will be used as backfill in future construction within the property. This is a continuous and ongoing process.</p> <p><u>Domestic Waste</u> Currently all domestic waste produced is collected and stored in weather and scavenger proof containers on site. Where possible it is recycled. The remainder is collected by the local municipality.</p>		
What quantity was/is produced during the construction period?	≈ 300	m <sup>3</sup>
What was/is the estimated quantity that will be produced per month during the operational phase?	≈ 5	m <sup>3</sup>
Did/does the activity produce any <u>hazardous</u> waste (e.g. chemical, medical waste, infectious, nuclear etc.) during the construction and/or the operational phase?		NO
If yes, briefly describe what type of waste was produced (i.e. infectious waste, medical waste, etc.) in which phase.		
What quantity was/is produced during the construction period?		m <sup>3</sup>
What was/is the estimated quantity that will be produced per month during the operational phase?		m <sup>3</sup>

Sustainable Development: What approach is/will be adopted to minimise quantities of waste generated and disposed, such as waste separation at source, to enable reuse, reduction, recovery and recycling? Provide brief description

All users of the property participate in recycling by using standard procedures. Colour coded and labelled bins at focal points will be used to easily identify recycling options.

**Materials for Recycling**

Metal	Partnership in place with a metal recycling company to collect and take for recycling
Paper and Cardboard	Paper bins Cardboard and paper to be recycled Large paper bins when volume allows
Biodegradable plant waste	Compost bins Worm farms Reuse on property in vegetable gardens and as compost
Hard Plastic	Partnership with owl box manufacturers who collect for recycling into owl boxes
Soft Plastic	Partnership with Ecobrick Exchange to create Eco bricks as building material
Construction Waste	Construction waste to be used as backfill in future construction within the property. This is a continuous and ongoing process.
Glass	Recycled at glass stations
Other	Recycled when possible

Where and how was/is waste treated / disposed of (describe each waste stream)?

Construction Waste

During the construction phase, construction solid waste generated by the project was gathered and stored in an appropriate, central area on site. Where possible the construction waste was reused on site. The remainder has been kept on site and will be used as backfill in future construction within the property. This is a continuous and ongoing process.

Domestic Waste

Currently all domestic waste produced is collected and stored in weather and scavenger proof containers on site. Where possible it is recycled. The remainder is collected by the local municipality on a weekly basis.

Has the municipality or relevant authority confirmed that sufficient capacity exists for treating / disposing of the solid waste to be generated by this activity(ies)? If yes, provide written confirmation from municipality or relevant authority

NO

Does/did the activity produce solid waste that was/will be treated and/or disposed of at another facility other than into a municipal waste stream?

NO

If yes, did/has this facility confirmed that sufficient capacity exists for treating / disposing of the solid waste to be generated by this activity(ies)? Provide written confirmation from the facility and provide the following particulars of the facility:

Did/does the facility have an operating license? (If yes, please attach a copy of the license.)

Facility name:

Contact person:

Postal address:

Postal code:

Telephone:

Cell:

E-mail:

Fax:

**(b) Effluent**

Did/does the activity produce sewage and or any other effluent?	YES	
What was/is the estimated quantity produced per month?	30	m <sup>3</sup>
Was/is the effluent treated and/or disposed of in a municipal system?		NO
If Yes, did/has the Municipality or relevant authority confirmed that sufficient <b>unallocated</b> capacity exist for treating / disposing of the sewage or any other effluent generated by this activity(ies)? Provide written confirmation from the Municipality or relevant authority.		

N/A

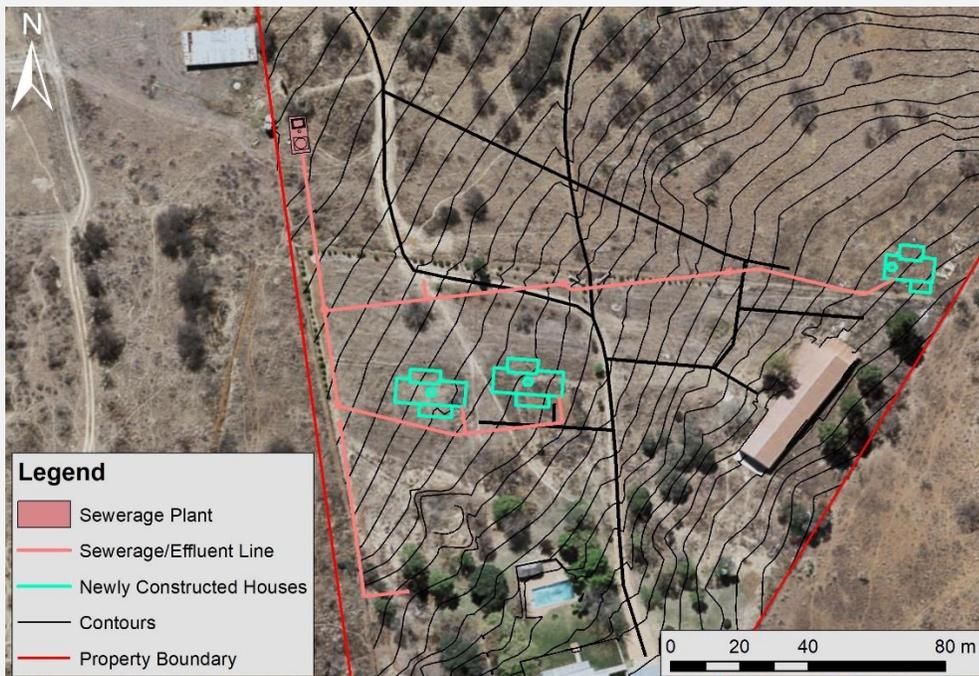
Was/is any effluent produced be treated and/or disposed of on site?	YES	
If yes, briefly describe the nature of the effluent and how it was/will be disposed of:		

General domestic effluent will be produced by the people living and working at Hope Village from flush toilets, sinks, washing machines, bath tubs, showers etc.

The site drains in a north-westerly direction. A 10KL sewer treatment plant has been installed to service the existing infrastructure. Underground sewerage lines connecting the houses to the sewer treatment plant have been installed. A detailed description of the package plant has been included on pages 17-20 of this application.

In addition to the normal installation of this plant, it has been installed below Natural Ground Level (NGL) within sealed vinyl housing surrounded by river sand on each side. Two inspection pipes have been installed within the housing to the tank floor level to monitor for any spillages. The effluent water from the treatment plant is of agricultural quality and will be used for irrigation of the gardens.

The figure below shows the installed effluent/sewerage lines. Due to the gradients of the property, gravity is used to feed the plant.



*Figure 10: Sewerage/Effluent Lines and 10kl sewerage treatment plant*

Did/does the activity produce effluent that was/will be treated and/or disposed of at another facility?		NO
---	--	----

If yes, did/has this facility confirmed that sufficient capacity exist(ed) for treating / disposing of the liquid effluent generated by this activity(ies)? Provide written confirmation from the facility and provide the following particulars of the facility:		NO	
Does the facility have an operating license? (If yes, please attach a copy of the license.)		NO	
Facility name:			
Contact person:			
Postal address:			
Postal code:			
Telephone:			Cell:
E-mail:			Fax:

Describe the measures that was/will be taken to ensure the optimal reuse or recycling of waste water, if any: The treated effluent water from the sewerage treatment plant will conform to the Department of Water and Sanitation's standards for agriculture. This treated effluent water will be reused for irrigation of the gardens.
---

**(c) Emissions into the atmosphere**

Did/does the activity produce emissions that will be disposed of into the atmosphere?	NO
If yes, did/does it require approval in terms of relevant legislation? If yes, attach a copy to this application	
Describe the emissions in terms of type and concentration and how it was/will be treated/mitigated:	
N/A	

**(d) Describe any mitigation/management measures that were adopted and the adequacy of these:**

No mitigation/ management measures have been adopted to date.
---

**2. WATER USE**

**(a) Please indicate the source(s) of water for the activity by marking ("☒") in the appropriate box(es)**

<input type="checkbox"/>	Groundwater	<input type="checkbox"/>
--------------------------	-------------	--------------------------

If water was/is extracted from a groundwater source, river, stream, dam, lake or any other natural feature, please indicate the volume that was/is extracted per month:	72 m <sup>3</sup>
---	-------------------

Please provide proof of assurance of water supply eg. letter of confirmation from Municipality/water user associations, yield of borehole etc. <b>See Appendix E2</b>
---

Did/does the activity require a water use permit / license from DWAF? If yes, attach a copy to this application	NO
If yes, please submit the necessary application to Department of Water Affairs and Forestry and attach proof thereof to this application.	

**(b) Describe any mitigation/management measures that were adopted and the adequacy of these:**

Waste Management

- A waste management plan for handling onsite waste was implemented
- A central area was demarcated and used to store waste before disposal

Visual

- Vegetation has been incorporated into the design of each house
- Houses have been painted natural colours to fit in with the landscape
- Construction activities only took place during daylight working hours (i.e. 7am – 5pm)
- Construction activity and equipment was restricted to the site footprint

Noise

- Construction activities only took place during daylight working hours (i.e. 7am – 5pm)

Fire Risk

- Flammable substances were stored in demarcated dry areas
- Smoking was not allowed on site
- Cooking was restricted to demarcated areas where fire risk was low
- No open fires were allowed, unless in the demarcated areas
- Fire extinguishers were available on site

Sanitation

- During the construction phase adequate sanitary facilities were provided for construction workers.
- The facilities were regularly serviced to reduce the risk of pollution.
- The facilities were located far away from any watercourses.

Topsoil

- Topsoil and subsoil were separated during stockpiling.
- Areas that were rehabilitated/landscaped were covered with 150-200mm of topsoil on top of the subsoil.
- Topsoil was not stockpiled higher than 2m or for longer than 1 year.

Vegetation

- The footprint of the construction was kept as small as possible.
- The construction area was demarcated.
- Construction vehicles were not permitted beyond the demarcated construction site.

Invasion of Alien Species

- Many *Seringa* trees have been removed at the site where construction took place.

Rehabilitation of Disturbed Areas

- Some impacted areas were rehabilitated with species indigenous to the area.
- Only topsoil from the immediate area was used for rehabilitation.
- Many of the indigenous plants were removed from the construction areas and re-planted in gardens around the new buildings.

Socio-Economic

- Access to the site was controlled to ensure no unauthorised people entered the site
- Where possible, construction materials were bought locally
- Where possible, local people were employed to help with construction

**(c) Sustainable Development**

How does/will the development achieve water efficiency such as reuse of grey water, rainwater harvesting and use of water efficient equipment/technologies throughout its phases? Provide brief description.

The treated effluent water from the sewerage treatment plant will conform to the Department of Water and Sanitation's standards for agriculture. This treated effluent water will be reused for irrigation of the gardens.

5000L rainwater tanks have been installed at each housing unit to collect rainwater runoff from the roof. The toilets, washing machines and dishwashers as well as external garden taps have been plumbed to use the rain water at each home.

### 3. POWER SUPPLY

**(a) Please indicate the source of power supply eg. Municipality / Eskom / Renewable energy source.**

The development uses both municipality electricity and solar energy for electricity generation. Solar energy generation has been incorporated into the design of the residential units. However, the generating capacity is low, and therefore additional energy is sourced from the existing grid.

Has the Municipality or relevant service provider confirmed that sufficient electricity capacity (i.e. generation, supply and transmission) exist for activity(ies)?  
If yes, provide written confirmation from Municipality or relevant service provider.

NO

If power supply was/is not available, where was/is it sourced from?

N/A

**(b) Describe any mitigation/management measures that were adopted and the adequacy of these:**

Solar geyser and gas are used in order to reduce the dependency on the national grid.

### 4. ENERGY EFFICIENCY

Approaches adopted to achieve energy efficiency in the development to reduce long-term operational costs and Greenhouse Gases emissions.

**(a) Describe the design measures, if any, that have been taken to ensure that the activity is energy efficient:**

General 'green building principles' were applied. This includes the use of solar panels, solar geysers, rain water harvesting tanks, gas stoves, LED lighting and the use of building materials that require less maintenance. The design of the buildings also incorporates natural cross-ventilation (to minimise the need for mechanical ventilation), optimisation of sun exposure and the use of natural light.

**(b) Describe how alternative energy sources have been taken into account or been built into the design of the activity, if any:**

Solar energy generation have been incorporated into the design of the residential units. Solar geysers have been installed on the roof of each unit. Gas stoves have been installed in the kitchen of each unit.

## 5. NOISE IMPACTS

<b>(a) Did/does the activity result in any noise impacts?</b>	YES
If yes, please describe and indicate the measures implemented to mitigate and manage these impacts?	
Low amounts of noise were generated during construction as a result of construction activity and movement of heavy vehicles.	
<u>Mitigation</u>	
Activities which include the movement of construction vehicles and the operation of machinery were restricted to restricted to normal working hours (07:00am – 17:00pm).	
The impact was expected to be very low.	

## 6. VISUAL IMPACTS

<b>(a) Did/does the activity result in any visual impacts?</b>	YES
If yes, please describe and indicate the measures implemented to mitigate and manage these impacts?	
During the construction phase, construction activity and the presence and use of large machinery on site and along access roads may have resulted in a visual disturbance of the surrounding landscape.	
<u>Mitigation</u>	
All construction activity took place during daylight working hours (i.e. 7am – 5pm).	
The impact was expected to be very low.	
<b>(b) Did/does the activity result in potential lighting impacts at night?</b>	NO
If yes, please describe and indicate the measures implemented to mitigate and manage these impacts?	
N/A	
<b>(c) Were/are there any alternatives available to address this impact?</b>	NO
If yes, please describe these alternatives?	
N/A	

## 7. SOCIO-ECONOMIC IMPLICATIONS OF THE ACTIVITY

(a) What was/is the expected capital value of the activity on completion?	R1 700 000
(b) What was/is the expected yearly income or contribution to the economy that will be generated by or as a result of the activity?	R 0
(c) Did/does the activity contribute to service infrastructure?	YES
(d) How many permanent new employment opportunities were created?	3
(e) What was/is the expected current value of the employment opportunities to date?	R 342 000
(f) What percentage of this accrued to previously disadvantaged individuals?	30%

How was (is) this (to be) ensured and monitored (please explain):
There are no contractual agreements in place.

## 8. PRELIMINARY IMPACT ASSESSMENT

Briefly describe the impacts (as appropriate), significance rating of impacts and significance rating of impacts after mitigation. This must include an assessment of the significance of all impacts. Please note: This is a preliminary impact statement. The Department may request specialist input/studies depending on the type and nature of the impact(s) of the activity/ies.

Possible Impacts	Significance rating of impacts (Low, Medium, Medium-High, High, Very High):	
	Without mitigation	With mitigation
Pollution of surrounding areas (waste management)	Medium	Low
Reduction in visual quality	Low	Low
Increased traffic during construction and operation	Low	Low
Dust as a result of construction activities	Medium	Low
Noise as a result of construction activities	Low	Low
Sanitation	High	Low
Loss of topsoil	Medium	Low
Soil Erosion	Medium	Low
Loss of Vegetation (Grass/Lawn)	Low	Low
Loss of Vegetation (Ridge)	Medium	Medium
Habitat Fragmentation	Medium	Low
Ineffective rehab of disturbed areas	Medium	Low
Job Creation and provision of employments	Medium – High (+ve)	Medium – High (+ve)
Increased housing and care for orphaned and abandoned children	High (+ve)	High (+ve)

## SECTION E: ALTERNATIVES

As part of this report, consideration must be given to alternatives that are/may have been possible had an environmental impact assessment been undertaken prior to the commencement of the activity. Please provide a detailed description of the alternatives (whether location, technology or environmental) that were/are possible in terms of this application.

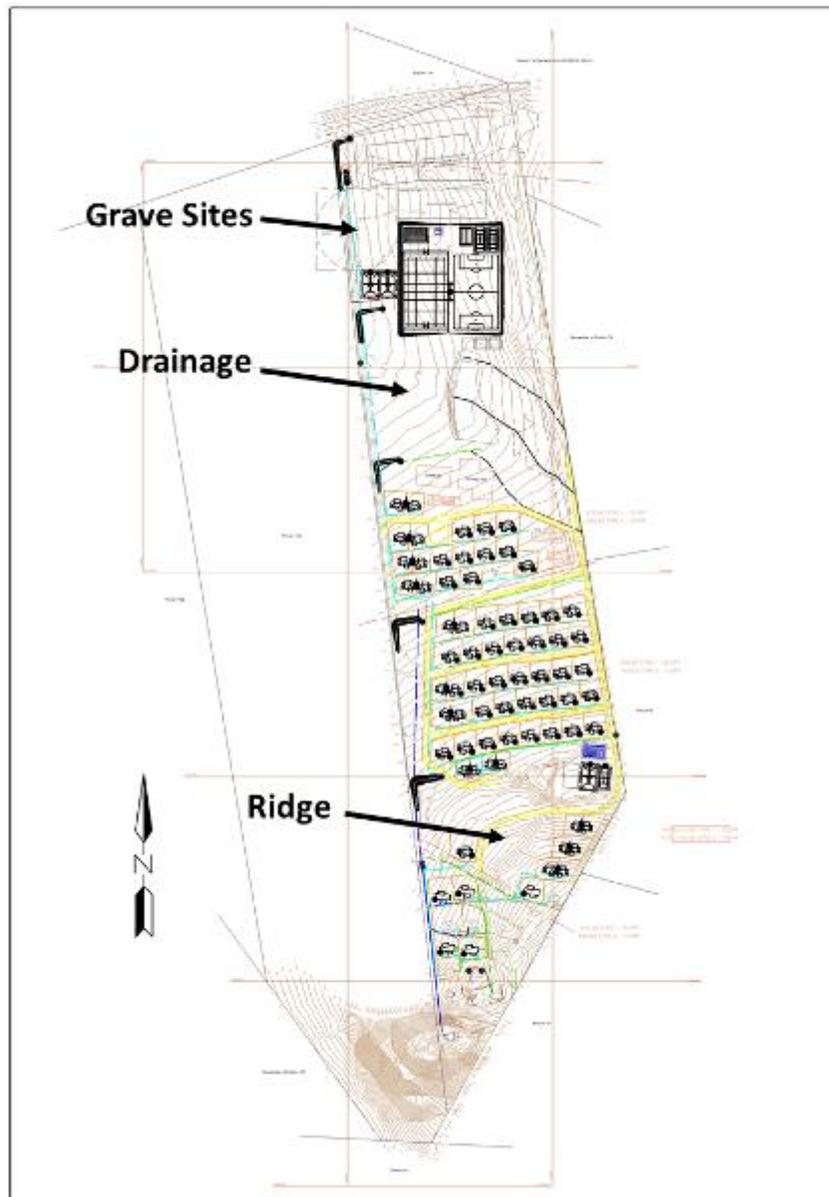
The three housing units, roads and sewerage treatment plant for part of a much larger proposed development.

The original concept layout that was proposed by the applicant for the entire development can be seen in the figure below.



Figure 11: Original proposed layout of entire development

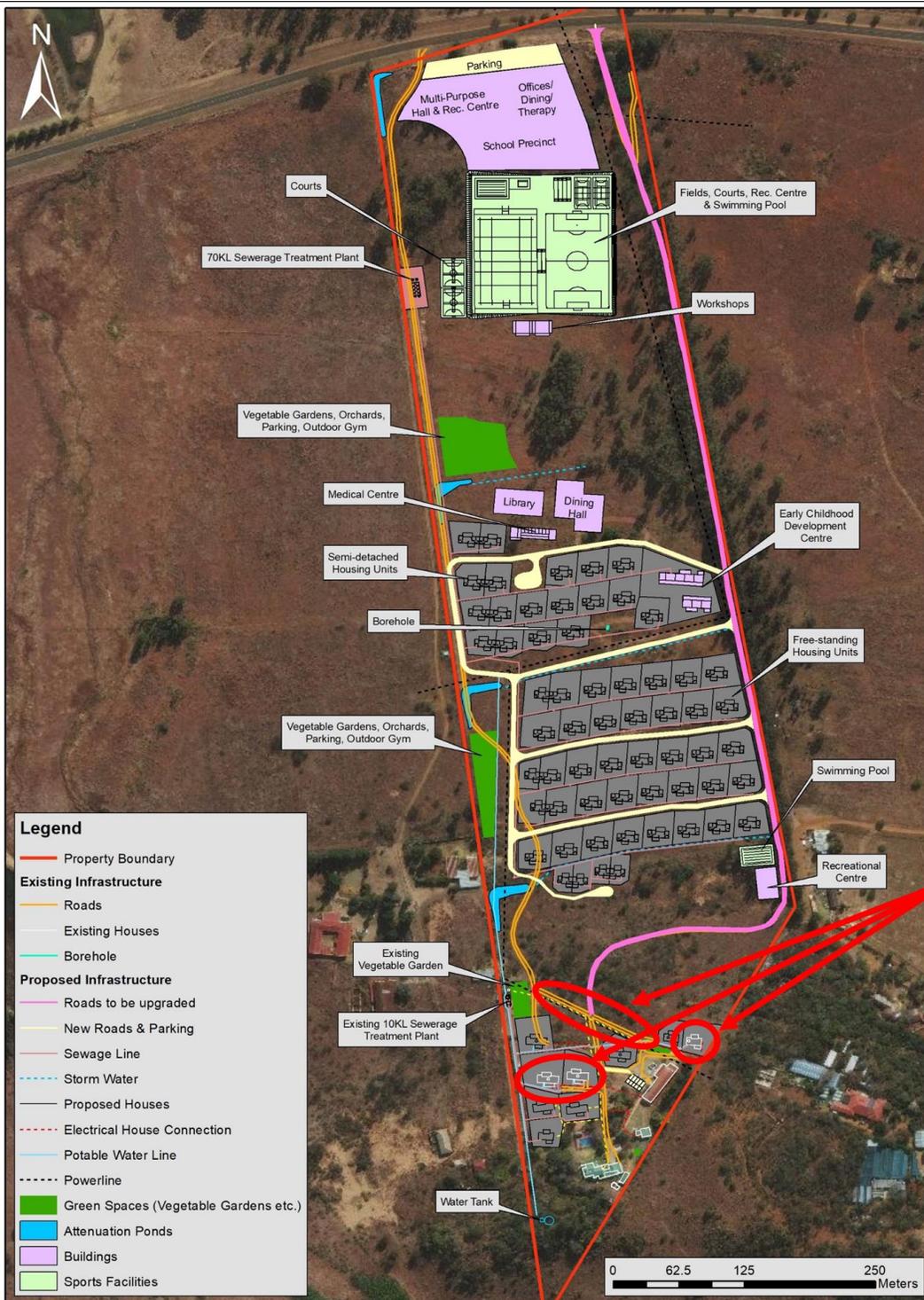
As part of the assessment process, Aquatic, Heritage and Ecological specialist studies were conducted. These specialists identified three areas that should be avoided, including a ridge located in the southern part of the property, a drainage line crossing through the centre of the property and grave sites located on the north-western part of the property. In a response, the layout was updated as illustrated below.



*Figure 12: Second proposed layout of entire development*

While this layout avoided the drainage line, but it was noted that there was still some infrastructure proposed near the grave sites and on the Ridge. The applicant was therefore advised to move certain components out of these areas.

The above recommendations resulted in the final proposed layout. This layout has been optimised to ensure that sensitive areas are avoided as far as possible, and to make the best use of available space.



New dirt road and housing units subject to S24G

Figure 13: Final proposed layout of entire development

In addition to the design and layout, location, activity and technology alternatives were initially considered during the project design phase. However no technically and practically feasible alternatives existed for the proposed project (see reasons below), and as such, these were not further investigated.

**Location**

Alternative properties

The applicant owns this property and an alternative property is therefore not financially viable. As such this is the only property that is available for the applicant to utilise.

The property is large enough for the development and located near the Johannesburg Centre, where their operations and head office are, and where most of their staff stay. It is also where most of the orphaned and abandoned babies, under their care, come from.

Alternative sites on the same property

The majority of property will be utilised for this project, so no alternative sites are feasible here.

**Activity**

There is no alternative for this type of development, as the proposed development is for the establishment of a village for abandoned and orphaned children. There is no alternative that is practically or economically viable.

The applicant wishes to develop a village estate for abandoned and orphaned children and are consequently not interested in any other type of development. This development will cater for the increasing number of orphaned and abandoned children by creating capacity and by creating a centralized and easily managed area for servicing their needs (by combining eating, recreation, education and housing on one property).

**Associated technology**

Technology alternatives initially considered included the use of municipal services including the use of municipal water and the use of the municipal sewerage system. However, currently no formal municipal bulk water or sewerage infrastructure exists on site, nor could be found in the near vicinity of the proposed development.

These alternatives are therefore not feasible.

The most up to date technology will be used, as far as feasibility and budget is concerned. Methods will be employed to be as self-sustaining as possible. For example, Solar energy to supplement the electricity demands and package treatment WWTW to treat sewerage.

## SECTION F: PUBLIC PARTICIPATION

### 1. PUBLIC PARTICIPATION PROCESS TO BE FOLLOWED

#### 1.1 THE PUBLIC PARTICIPATION PROCESS IN TERMS OF THE SECTION 24G FINE REGULATIONS, 2017

Regulation 8 of the Section 24G Fine Regulations require that all applicants must conduct a **preliminary public participation prior to submission** of a section 24G application (as outlined in Annexure A of the Section 24G Fine Regulations - Section D: Preliminary Advertisement). **Proof of the preliminary public participation must be submitted to this Department**

<p><b><i>“The applicant must place a preliminary advertisement in-</i></b></p>
<p><i>(1) A local newspaper in circulation in the area in which the activity was, or activities were, commenced; and on the applicant’s website, if any.</i></p>
<p><i>(2) This advertisement must comply with the requirements set out in Annexure A, Section D of the Section 24G Fine Regulations, 2017.</i></p>
<p><i>(3) The applicant must open and maintain of a register of interested and affected parties.</i></p>
<p><i>(4) The <b>register must be attached to the application form and included in the report</b>, or form part of the information submitted in terms of section 24G(1) of the Act, which the register must, as a minimum, contain the names, contact details and addresses of-</i></p> <p><i>(a) all persons who, as a consequence of the public participation process conducted in respect of the application, have submitted written comments or attended meetings with the applicant or any environmental assessment practitioner or other specialist appointed by the applicant to assist with the application;</i></p> <p><i>(b) all persons who have requested the applicant, in writing, to place their names on the register; and</i></p> <p><i>(c) all organs of state that have jurisdiction in respect of the activity to which application relates.”</i></p>

<p>Please provide a summary of the steps followed where public participation was undertaken in accordance with Regulation 8 prior to submission of this Application Form. Ensure that proof of compliance with Regulation 8 is submitted with this Application Form, including, <i>inter alia</i>, proof of preliminary advertisement in a local newspaper.</p>	
<p>The following has been/will be conducted as part of the public participation:</p> <ol style="list-style-type: none"> <li>1. Site Notices have been placed on site</li> <li>2. Inception notification emails and a Background Information document have been sent to potential I&amp;APs</li> <li>3. A newspaper advert will be placed in a local newspaper</li> <li>4. An advert will be placed on the Applicants website</li> <li>5. The application form will be uploaded on the CES website</li> <li>6. Notification emails have been sent to potential I&amp;AP to notify them of the 20-day Application review period.</li> </ol> <p><b>Please note: Proof of the above Public Participation Process will be submitted to GDARD with this application following the 20-day review period.</b></p>	
<p>Please indicate whether the applicant has a website (please tick relevant box):</p>	<p>YES <input checked="" type="checkbox"/></p>
<p>If yes, please note that the application information as specified above must have been advertised on such website and proof thereof must accompany this application.</p> <p><b>Proof will be submitted to GDARD with this application following the 20-day review period.</b></p>	

**Please note: Annexure A: Section D attached to this Application form must be strictly adhered to.**

Please highlight the appropriate box below to indicate the public participation process that has been undertaken to give notice of your intention to submit this application.

1. In terms of regulation 8 of the S24G Fine Regulations -		
(a) placement of advert in at least one local newspaper	YES	No
If "no", please provide reasons.		
(b) Placement of advert on the applicant's website	YES	
If 'no', Please provide reasons.		
2. Is it in compliance with the requirements set out in Annexure A, Section D of the Section 24G Fine Regulations, 2017?	YES	Deviation
	Reasons for deviation:	
3. Did the applicant open and maintain a register of interested and affected parties?	YES	Deviation
	Reasons for deviation:	
4. Were Interested and Affected Parties provided with 20 days to register or submit their comments?	YES	Deviation
	Reasons for deviation:	

## 1.2 THE PUBLIC PARTICIPATION PROCESS IN TERMS OF NEMA EIA REGULATIONS, 2014

Please note that the Department may direct the applicant to conduct further public participation process that fulfils the requirements outlined in Chapter 6 of the EIA Regulations, 2014. In doing so, you must take into account that the EIA Regulations, 2014 and the instructions from the Department, will provide guidance in conducting such public participation process. Further note that the public participation requirements will be applicable to all sites.

## 1.3 LIST OF STATE DEPARTMENTS

Section 24(O)(2) obliges the relevant authority to consult with every State department that administers a law relating to a matter affecting the environment when such authority considers an application for an environmental authorisation.

### LIST OF STATE DEPARTMENTS

Provide a list of all the State/National departments that will be/have been consulted, including the name and contact details of the relevant official.			
State Department	Name of person	Contact details	
GDARD	Faith Mlambo	Tel	-
		Fax	-
		E-mail	Faith.Mlambo@gauteng.gov.za
GDARD S24G	Maryjane Ramahlodi	Tel	011 240 3020
		Fax	-
		E-mail	maryjane.ramahlodi@gauteng.gov.za

Sedibeng District Municipality	Mr S Khanyile	Tel	016 450 3165
		Fax	016 455 5264
		E-mail	khanyiles@sedibeng.gov.za
Midvaal Local Municipality	Mrs LTH Visser	Tel	016 360 7683
		Fax	-
		E-mail	midvaalward7@gmail.com
Department of Water and Sanitation	Hellen Mathedimosa	Tel	012 392 1350
		Fax	012 392 1359
		E-mail	MathedimosaH@dws.gov.za
Eskom	Mr Stoffel Makale	Tel	016 362 9335
		Fax	-
		E-mail	makalems@eskom.co.za
South African Heritage Resource Agency (SAHRA)	Phillip Hine	Tel	021 462 4502
		Fax	-
		E-mail	phine@sahra.org.za
DEA:Biodiversity Sub directorate	Stanley Tshitwamulomoni	Tel	-
		Fax	-
		E-mail	STshitwamulomoni@environment.gov.za

## SECTION G: APPENDICES

The following appendices must be attached where appropriate:

Appendix	Mark with ("☒") where the indicated Appendix is attached
Appendix A: Location map	☒
Appendix B: Site plan(s)	☒
Appendix C: Owner(s) consent(s)	N/A
Appendix D: Photographs	☒
Appendix E: Permit(s) /Authorisations/ license(s) from any other organ of state including service letters from the municipality	☒
Appendix F: Additional Impact Assessment Information	☒
Appendix G: Report on alternatives	N/A
Appendix H: Any Other (describe) <ul style="list-style-type: none"> <li>• H1: Explanation from the applicant</li> <li>• H2: DEA Screening Tool Report</li> </ul>	☒
Annexure A: Forms and Preliminary Public Participation	☒

## SECTION H: DECLARATIONS

### G1: Declarations of the EAP

1. The Independent Environmental Assessment Practitioner

I, \_\_\_\_\_ declare under oath that I –

- a. act as the independent environmental assessment practitioner in this application;
- b. do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the S24G of the National Environmental Management Act, read together with the relevant Environmental Impact Assessment Regulations;
- c. do not have and will not have a vested interest in the proposed activity proceeding;
- d. have no, and will not engage in, conflicting interests in the undertaking of the activity;
- e. undertake to disclose, to the competent authority, any material information that has or may have the potential to influence the decision of the competent authority or the objectivity of any report, plan or document required in terms of the S24G of the National Environmental Management Act, read together with the Environmental Impact Assessment Regulations, 2014, as amended;
- f. will ensure that all documents will contain all relevant facts in respect of the application & that all documentation is distributed or made available to interested and affected parties. I will ensure that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced for the rectification application.
- g. will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- h. will keep a register of all interested and affected parties that participated in a public participation process; and
- i. will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not.

---

Signature of the Environmental Assessment Practitioner:

---

Name of company:

---

Date:

---

Signature of the Commissioner of Oaths:

---

Date:

---

Designation:

Official stamp:

## G2: Declarations of the Applicant

2. The Applicant

I, \_\_\_\_\_ declare under oath that I -

- a. **am the applicant in this application;**
- b. **appointed the environmental assessment practitioner as indicated under G1 above to act as the independent environmental assessment practitioner for this application;**
- c. **will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;**
- d. **am responsible for complying with the directive or conditions of any environmental authorisation issued by the competent authority;**
- e. **understand that I will be required to pay an administration fine in terms of S24G (4) of the Act and that a decision in this regard will only be forthcoming after payment of such a fine; and**
- f. **hereby indemnify, the government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action for which the applicant or environmental assessment practitioner is responsible in terms of the Act.**

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Signature of the applicant:

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Name of company:

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Date:

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Signature of the Commissioner of Oaths:

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Date:

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Designation:

Official stamp (below):

## ANNEXURE A TO THE SECTION 24G APPLICATION FORM

### SECTION A: DIRECTIVE

Section 24G(1) of the National Environmental Management Act, 1998 (Act 107 of 1998) ("NEMA") provides that on application by a person who has commenced with a listed or specified activity without an environmental authorisation in contravention of section 24F(1); or a person who has commenced, undertaken or conducted a waste management activity without a waste management licence in terms of section 20(b) of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) ("NEM:WA") the Minister, the Minister responsible for mineral resources or the MEC concerned (or the official to which this power has been delegated), as the case may be, may direct the applicant to -

i	immediately cease the activity pending a decision on the application submitted in terms of this subsection	
ii	investigate, evaluate and assess the impact of the activity on the environment	
lii	remedy any adverse effects of the activity on the environment	
iv	cease, modify or control any act, activity, process or omission causing pollution or environmental degradation	
v	contain or prevent the movement of pollution or degradation of the environment	
vi	eliminate any source of pollution or degradation	
vii	compile a report containing -	
	aa	A description of the need and desirability of the activity
	bb	assessment of the nature, extent, duration and significance of the consequences for or impacts on the environment of the activity, including the cumulative effects and the manner in which the geographical, physical, biological, social, economic and cultural aspects of the environment may be affected by the proposed activity
	cc	description of mitigation measures undertaken or to be undertaken in respect of the consequences for or impacts on the environment of the activity
	dd	description of the public participation process followed during the course of compiling the how the issues raised have been addressed
	ee	an environmental management programme
	Provide such other information or undertake such further studies as the Minister, Minister responsible for mineral resources or MEC, as the case may be, may deem necessary.	

You are hereby provided with an opportunity to make representations on any or all of the abovementioned instruction, including where you are of the opinion that any of these instructions are not relevant for the purposes of your application, setting out the reasons for your assertion. Kindly note further that, after taking your representations into account, a final directive may be issued.

## SECTION B: DEFERRAL

Section 24G(7) of the NEMA provides that if at any stage after the submission of an application it comes to the attention of the Minister, the Minister responsible for mineral resources or the MEC, that the applicant is under criminal investigation for the contravention of, or failure to comply with, section 24F(1) of the NEMA or section 20(b) of the NEM:WA, the Minister, Minister responsible for mineral resources or MEC may defer a decision to issue an environmental authorisation until such time as the investigation is concluded and-

- (a) The National Prosecuting Authority has decided not to institute prosecution in respect of such contravention or failure;
- (b) The applicant concerned is acquitted or found not guilty after prosecution in respect of which such contravention or failure has been instituted; or
- (c) The applicant concerned has been convicted by a court of law of an offence in respect of such contravention or failure and the applicant has in respect of the conviction exhausted all the recognised legal proceedings pertaining to appeal or review.

Kindly answer the following questions:

Are you, the applicant, being investigated for a contravention of section 24F(1) of the NEMA in respect of a matter that is not subject to this application and in any province in the Republic?	YES	NO	UNCERTAIN
If yes provide details of the offence being investigated and authority conducting the investigation, If uncertain provide details of the activity or activities in relation to which you suspect you may be under investigation.			
N/A			
Are you, the applicant, being investigated for the contravention of section 20(b) of the NEMWA in respect of a matter that is not subject to this application and in any province in the Republic?	YES	NO	UNCERTAIN
If yes provide details of the offence being investigated and authority conducting the investigation. If uncertain provide details of the activity or activities in relation to which you suspect you may be under investigation.			
N/A			
Are you, the applicant, being investigated for an offence in terms of section 24F(1) of the NEMA or section 20(b) of the NEMWA in terms of which this application directly relates?	YES	NO	UNCERTAIN
If yes provide details of the offence being investigated and authority conducting the investigation. If uncertain provide details of the activity or activities in relation to which you suspect you may be under investigation.			

If you have answered yes or uncertain to any of the above questions, you are hereby provided with an opportunity to make representations as to why the Minister, Minister responsible for mineral resources or MEC, as the case may be, should not defer the application as he or she is entitled to do under section 24G (7).

## SECTION C: QUANTUM OF THE SECTION 24G FINE

In terms of section 24G(4) of the NEMA, it is mandatory for an applicant to pay an administrative fine as determined by the competent authority before the Minister, Minister responsible for mineral resource or MEC may take a decision on whether or not to grant an ex post facto environmental authorisation or a waste management license as the case may be. The quantum of this fine may not exceed R5 million.

Having regard to the factors listed below, you are hereby afforded with an opportunity to make representations in respect of the quantum of the fine and as to why the competent authority should not issue a maximum fine of R5 million.

Please note that Part 1 of this section must be completed by an independent environmental assessment practitioner after conducting the necessary specialist studies, copies of which must be submitted with this completed application form.

Please also include in your representations whether or not the activities applied for in this application (if more than 1) are in your view interrelated and provide reasons therefore.

### PART 1: THE IMPACTS OR POTENTIAL IMPACTS OF THE ACTIVITY/ACTIVITIES

<b>Index: Socio Economic Impact</b>	Place an "X" in the appropriate box
<b>Description of variable</b>	
The activity is not giving, has not given and will not give rise to any negative socio-economic impacts	X
The activity is giving, has given, or could give rise to negative socio- economic impacts, but highly localised	
The activity is giving, has given, or could give rise to significant negative socio-economic and regionalized impacts	
The activity is resulting, has resulted or could result in wide-scale negative socio-economic impacts.	
<b>Motivation:</b>	
The activity has provided or is still providing the following positive socio-economic impacts: <ul style="list-style-type: none"> <li>• 10 temporary jobs during construction</li> <li>• 3 permanent jobs during operation</li> <li>• Up to 20 orphaned and abandoned children can be cared for in the new homes once the process is finalised.</li> </ul>	

<b>Index: Biodiversity Impact</b>	Place an "X" in the appropriate box
<b>Description of variable</b>	
The activity is not giving, has not given and will not give rise to any impacts on biodiversity	
The activity is giving, has given or could give rise to localised biodiversity impacts	X
The activity is giving, has given or could give rise to significant biodiversity impacts	
The activity is, has or is likely to permanently / irreversibly transform/ destroy a recognised biodiversity 'hot -spot' or threaten the existence of a species or sub -species.	
<b>Motivation:</b>	
<p>Historical imagery indicates that two of the three housing units were built in an area that was previously covered by lawn, indicating low impacts on the indigenous vegetation. However, the third housing unit, the road and the 10kl sewerage package plant resulted in the clearing of approximately 2180m<sup>2</sup> of vegetation on the southern boundary of the category 3 ridge. Although heavily infested by alien plant species, the ridge vegetation forms valuable and sensitive habitat.</p> <p>As discussed in the ecological specialist opinion letter, the impact on vegetation caused by two of the housing units is low negative as fragmentation affecting seed dispersal, faunal movement and pollination is exacerbated. However, the remaining associated infrastructure is located in a class 3 ridge, the conservation of which is important for this ecosystem. As such, the impacts caused by construction on these sections on the ridge is moderate negative.</p> <p>The applicant has indicated that they plan to conserve all remaining ridge areas which are not included by the larger development plan, with these areas utilised only for conservation compatible activities such as hiking, bird watching and environmental education. The applicant has also agreed to implement an alien vegetation management plan.</p>	

<b>Index Sense of Place Impact and / or Heritage Impact</b>	Place an "X" in the appropriate box
<b>Description of variable</b>	
The activity is in keeping with the surrounding environment and I or does not negatively impact on the affected area's sense of place and /or heritage	X
The activity is not in keeping with the surrounding environment and will have a localised impact on the affected area's sense of place and/or heritage	
The activity is not in keeping with the surrounding environment and will have a significant impact on the affected area's sense of place and/ or heritage	
The activity is completely out of keeping with the surrounding environment and will have a significant impact on the affected area's sense of place and/ or heritage.	
<b>Motivation:</b>	
<p>As stipulated in the Heritage Specialist letter (See Appendix F3a), the clearing of vegetation and other construction activities did not have a significant impact on heritage resources or the larger heritage landscape.</p>	

<b>Index Pollution Impact</b>	Place an "X" in the appropriate box
<b>Description of variable</b>	
The activity is not giving, has not given and will not give rise to any pollution	X
The activity is giving, has given or could give rise to pollution with low impacts,	
The activity is giving, has given or could give rise to pollution with moderate impacts.	
The activity is giving, has given or could give rise to pollution with high impacts.	
The activity is giving, has given or could give rise to pollution with major impacts.	
<b>Motivation:</b>	
<p><u>Construction waste</u> During the construction phase, construction solid waste generated by the project was gathered and stored in an appropriate, central area on site. Where possible the construction waste was reused on site. The remainder has been kept on site and will be used as backfill in future construction within the property. This is a continuous and ongoing process.</p> <p><u>Solid Waste</u> Currently all solid waste produced is collected and stored in weather and scavenger proof containers on site. Where possible it is recycled. The remainder is collected on a weekly basis by the local municipality.</p> <p><u>Domestic Effluent &amp; Sewerage</u> General domestic effluent is being produced by the people living and working at Hope Village from flush toilets, sinks, washing machines, bath tubs, showers etc.</p> <p>A 10kl package treatment plant has been installed on site and in addition to the domestic sewerage, it is used to treat other liquid effluent produced by the development.</p> <p>In addition to the normal installation of this plant, it has been installed below Natural Ground Level (NGL) within sealed vinyl housing surrounded by river sand on each side. Two inspection pipes have been installed within the housing to the tank floor level to monitor for any spillages</p> <p>The effluent water discharged from the treatment plant conforms to the Department of Water and Sanitation's standards for agriculture and the applicant intends to use it for irrigation of the gardens. A service provider will be used to remove sludge if required. The plant manufacturer's proven track record shows that this is only necessary under extenuating circumstances. If required, the sludge will be handled by the service provider and will not be left on site.</p>	

<b>PART 2: COMPLIANCE HISTORY AND KNOWLEDGE OF THE APPLICANT</b>	
<b>Index: Previous administrative action (i.e. administrative enforcement notices) issued to the applicant in respect of a contravention of section 24F(1) of the National Environmental Management Act and/ or section 20(b) of the National Environmental Management Waste Act</b>	Place an "X" in the appropriate box
<b>Description of variable</b>	

Administrative action was previously taken against the applicant respect the abovementioned provisions.	
No previous administrative action was taken against the applicant but previous administrative action was taken against a firm(s) on whose board one or more of the applicant's directors sit or sat at the relevant time when the administrative action was taken.	
Administrative action was not previously taken against the applicant in respect of the abovementioned provisions.	X
<b>Explanation of all previous administrative action taken in respect of the above:</b>	
N/A	
<b>Index: Previous Convictions in terms of section 24F (1) of the National Environmental Management Act and/or section 20(b) of the National Environmental Management Waste Act</b>	Place an "X" in the appropriate box
<b>Description of variable</b>	
The applicant was previously convicted in terms of either or both of the abovementioned provisions.	
No previous administrative action was taken against the applicant but previous administrative action was taken against a firm(s) on whose board one or more of the applicant's directors sit or sat at the relevant time when the administrative action was taken.	
The applicant has not previously been convicted in terms of either or both of the abovementioned provisions.	X
<b>Explanation of all previous convictions in respect of the above:</b>	
N/A	
<b>Index: Number of section 24G applications previously submitted by the applicant</b>	Place an "X" in the appropriate box
<b>Description of variable</b>	
Number of section 24G applications previously submitted by the applicant	
No previous applications have been submitted by the applicant but a previous application(s) have been submitted by a firm(s) on whose board one or more of the applicant's directors sit or sat at the relevant time.	
No previous applications have been submitted by the applicant but the applicant sat on the board of a firm that previously submitted an application.	X
<b>Explanation in respect of all previous applications submitted in terms of section 24G:</b>	
N/A	

<b>PART 3: APPLICANT'S PERSONAL CIRCUMSTANCES</b>	
<b>Index: Applicant's legal persona</b>	Place an "X" in the appropriate box
<b>Description of variable</b>	
The applicant is a natural person.	

The applicant is a firm.	X
Describe the firm:	
The applicant is a Non-Government Organization (NGO) and Non-Profit Organization (NPO)	

<b>Index: Any other relevant information that the applicant would like to be considered.</b>
<b>Motivate and explain fully:</b>
<p>Door of Hope Children's Mission has been running for 20 years and has taken in over 1650 abandoned babies during that time. We generally run at capacity and at any time have around 70 babies and toddlers in our care. We have the vision to expand our operation which will therefore take care of many more orphaned children at the village we looking to build. We are well respected amongst the local and international community and always strive towards the highest possible level of ethical behavior.</p> <p>Money is always an issue in an organization like ours which is why an experienced developer with many years of experience was not hired upfront. We are therefore learning in many ways as we go along with the development and were therefore unaware of the environmental impact that was being created. At the time we received the go ahead from Midvaal Municipality to build the homes and have the signed house and site plans.</p> <p>We have however since contracted experienced Town Planners and Environmental Consultants to take us through the process. Construction of the homes has been halted when we found out about the contraventions from our Environmental Consultants and remains as such until we are given the go ahead which will hopefully happen soon. We will also comply with all the recommendations made by the consultants going forward.</p> <p>We will not make any profits from the homes that were built. Our only intention is to give more children a better start at life by giving them a home. Our staff are all very passionate about saving children's lives and I can assure you that none of us are part of Door of Hope for financial reasons even though many are very highly skilled in their fields. A fine will set us back significantly and remove income that would have been used to build children's homes. It is for that reason that we ask your favorable consideration when reviewing our application.</p>

**NOTE:** An explanation as to why the applicant did not obtain an environmental authorisation and/or waste management licence must be attached to this application.

**Please see Appendix H1.**

## SECTION D: PRELIMINARY ADVERTISEMENT

When submitting this application form, the applicant must attach proof that the application has been advertised in at least one local newspaper in circulation in the area in which the activity was commenced, and on the applicant's website, if any.

The advertisement must state that the applicant commenced a listed or specified activity or activities or waste management activity or activities without the necessary environmental authorisation and/or waste management license and is now applying for ex post facto approval. It must include the following:

- the date;
- the location;
- the applicable legislative provision contravened; and
- The activity or activities commenced with without the required authorisation.

Interested and affected parties must be provided with the details of where they can register as an Interested and Affected party and I or submit their comment. At least 20 days must be provided in which to do so.

**This advertisement shall be considered as a preliminary notification and the competent authority may direct the applicant to undertake further public participation and advertising after receipt of this application form.**

**NOTE:** Unless protected by law, all information contained in and attached to this application form may become public information on receipt by the Competent Authority. This application must be attached to any documentation or information submitted by an applicant further to section 24G(1).

## SECTION E: GAUTENG POLLUTION BUFFER ZONES GUIDELINE, MARCH 2017

Where applicable, the developer must incorporate the Pollution Buffers in the planning and design of the development to protect people and the environment from harmful/toxic emissions. The decision on the buffer size to be maintained is subject to a Departmental review process. The buffers are as follows:

BUFFER GUIDELINES	TICK WHERE APPLICABLE
Best case buffer of 1500m and worst-case buffer of 750m must be maintained in <u>Category 1 industries</u> , such as Sasol, Arcelor Mittal, Scaw Metal, Eskom power stations etc. as per paragraph 6.2.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.	
Best case buffer of 500m and worst-case buffer of 250m must be maintained in <u>Category 2 industries</u> , such as container depot in City Deep, panel beater workshops, tanneries etc. as per paragraphs 6.2.2 and 7.1 of the Gauteng Pollution Buffer Zones Guidelines, March 2017.	
Best case buffer of 100m and worst-case buffer of 50m must be maintained in Category 3 industries, such as warehousing and distribution operations as per paragraphs 6.2.3 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.	

Best case buffer of 800m and worst-case buffer of 500m must be maintained for Sewage treatment works as per paragraphs 6.2.4 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.	
Best case buffer of 400m and worst-case buffer of 200m must be maintained for General Landfill Sites (Communal, small, medium and large) as per paragraphs 6.2.5 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.	
Best case buffer of 2000m and worst-case buffer of 1000m must be maintained for Hazardous Landfill Sites as per paragraphs 6.2.5 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.	
Best case buffer of 100m and worst-case buffer of 0m must be maintained for Mine Dumps (rock dumps or stockpiles) as per paragraphs 6.2.6 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.	
Best case buffer of 1000m and worst-case buffer of 500m must be maintained for Mine Slimes Dams and Ash Dumps as per paragraphs 6.2.7 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.	
Best case buffer of 5000m and worst-case buffer of 2000m must be maintained for the Pelindaba Nuclear Facility Complex as per paragraphs 6.2.8 and 7.1 of the Gauteng Pollution Buffer Zones Guideline, March 2017.	
The Gauteng Pollution Buffer Zones Guideline is not applicable to my development	X

## **ANNEXURE B: EXAMPLE OF A PRELIMINARY NEWSPAPER ADVERTISEMENT**

<p><b>NOTICE OF INTENTION TO SUBMIT AN APPLICATION IN TERMS OF SECTION 24G OF NEMA FOR THE UNLAWFUL COMMENCEMENT OR CONTINUATION OF ACTIVITIES IDENTIFIED IN TERMS OF THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS</b></p>
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Notice is given, in terms of Section 24(G) read together with sections 24(F) of the National Environmental Management Act 107 OF 1998 that [**INSERT NAME OF APPLICANT**] –

- a. is considering submitting an application for authorisation in terms of Sections 24(G) and 24(F) of the National Environmental Management Act 107 of 1998;
- b. for the unlawful commencement of [**INSERT DESCRIPTION OF ACTIVITY COMMENCED WITH UNLAWFULLY**]

Details of activity(ies) commenced with is indicated below -

- Date of commencement of the listed activity*
- Location*
- Applicable legislative provision contravened (as listed in terms of the EIA Regulations)*
- The activity/ies commenced with without the required authorisation*

Parties wishing to comment or to be registered as interested and affected parties are requested to forward their objections and comments (*with reasons*), no later than **twenty (20) days** after the publication of this advertisement (date of advertisement), to

- (Name of company)*
- (Name of contact person)*
- (Telephone number, Fax number and postal details)*