



GA Environment

**BASIC ASSESSMENT FOR THE PROPOSED
LICENSING OF THE SHAKAVILLE LANDFILL, KWADUKUZA LOCAL
MUNICIPALITY, KWAZULU NATAL PROVINCE**

APPLICATION FORM FOR WASTE MANAGEMENT LICENCE

NOVEMBER 2017

PREPARED BY:

GA Environment (Pty) Ltd

Address: P O Box 6723
Halfway House
Midrand
1685

Tel: +27 11 312 2537

Email: environment@gaenvironment.com

SUBMITTED TO:

KwaZulu Natal Department of Economic
Development, Tourism and Environmental
Affairs

230 Jabu Ndlovu Street
Pietermaritzburg
3201

+27 33 264 2572

Mavis.Padayachee@kznedtea.gov.za

Application for Environmental Authorization and a Waste Management Licence in terms of
Section 24L of NEMA



edtea

Department :
Economic Development, Tourism and
Environmental Affairs

PROVINCE OF KWAZULU-NATAL

(For official use only)

File Reference Number:

Environmental Authorization Application No:
Waste Management Licence Application No:

| |
|--|
| |
| |

NEAS Reference Number:

KZN/

Date Received:

| |
|--|
| |
|--|

**APPLICATION FOR ENVIRONMENTAL AUTHORISATION AND A
WASTE MANAGEMENT LICENCE IN TERMS OF SECTION 24L OF
NEMA**

Submitted in terms of the

- (1) National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA); and
- (2) National Environmental Management: Waste Act, 1998 (Act No. 59 of 2008) (NEMWA).

PROJECT TITLE

*Basic Assessment for the proposed Decommissioning (Closure) of the Shakaville Landfill,
KwaDukuza Local Municipality, KwaZulu Natal Province*

DISTRICT MUNICIPALITY

Ilembe District Municipality

Application for Environmental Authorization and a Waste Management Licence in terms of
Section 24L of NEMA

IMPORTANT INFORMATION

PLEASE NOTE:

1. It is the responsibility of the applicant to confirm that the Department is the competent authority to which this application must be submitted (refer to NEMA section 24C).
2. **It is the responsibility of the Applicant to ascertain whether this is the current version of this application form.**

APPLICABILITY OF ENVIRONMENTAL AUTHORISATION AND WASTE MANAGEMENT LICENCE PROCESS

3. The application process in terms of S24L of NEMA only applies in instances where the KZN MEC for Economic Development, Tourism & Environmental Affairs is both the:
 - (a) competent authority for the environmental authorisation applied for in terms of NEMA and the EIA Regulations, 2014; and
 - (b) the licencing authority for the waste management licence in terms of NEMWA.
4. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been produced by the Department.
5. The application must be typed within the spaces provided in the form. The size of the space provided is not necessarily indicative of the amount of information required. Where required, place a cross in the box you select.
6. Incomplete applications will be returned to the applicant for revision.
7. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.

FEEES APPLICABLE FOR APPLICATIONS IN TERMS OF S24L OF NEMA

8. The following fees for the consideration and processing of applications in terms of section 24L of NEMA will be applicable from **01 April 2014** (refer to the Annexure in Government Notice No.141 dated 28 February 2014):

| Application | Fee |
|--|---|
| Application dealt with in terms of section 24L of NEMA | (a) 100% of the most expensive application, namely, R10 000 if S&EIR is triggered or R2 000 if basic assessment is triggered; and (b) 50% of the other application, namely, R5 000 if the S&EIR is triggered or R1 000 if the basic assessment is triggered. |

9. Where an applicant is required to pay fees for an application for environmental authorization as contemplated in **section 6**, this must be made by means of a bank deposit or electronic fund transfer into the bank account of this Department (refer to **section 8**).
10. **Payment reference number for applications for environmental authorizations and banking details** for the Department:

| | |
|--|--|
| Reference number (only reference number to be used for environmental authorization applications): | 04003903 |
| Account name: | KwaZulu-Natal Provincial Government -Economics |
| Bank name: | ABSA |
| Branch code: | 630495 |
| Account number: | 4072482787 |

| | | |
|---|--|-------------------------|
| Department of Economic Development, Tourism & Environmental Affairs, KwaZulu- Natal | Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA | 23 September 2016 |
|---|--|-------------------------|

Application for Environmental Authorization and a Waste Management Licence in terms of
Section 24L of NEMA

11. Proof of payment of fees (if applicable) for an environmental authorization application must be attached as an **Appendix** to this application form and submitted with it. Proof of payment is either a stamped deposit slip or an electronic fund transfer payment advice.

INSTANCES WHERE FEES FOR APPLICATIONS FOR INTEGRATED ENVIRONMENTAL AUTHORIZATION AND WASTE MANAGEMENT LICENCES ARE NOT APPLICABLE

12. Where an application is for a community based project funded by a government grant or the application is made by an organ of state, the fees for considering and processing applications for an environmental authorization do not apply (refer to regulation 2 in Government Notice No.141 dated 28 February 2014).
13. Where an applicant is not required to pay a fee as contemplated in **section 6** of this form, a **written motivation** (with proof of funding if a government grant is applicable) must be attached as **Appendix 12** to this application form and submitted with it.
14. If you have any queries regarding the EIA or waste management licence process or fees applicable for applications for environmental authorizations please contact the relevant District Office of this Department. These contact details are obtainable from the Head Office (see below).

HEAD OFFICE DETAILS

15. The original application must hand delivered or posted to the Head Office of this Department as provided below (no faxed or e-mailed applications will be accepted):

**KwaZulu-Natal Department of Economic Development, Tourism & Environmental Affairs
Private Bag X9152, PIETERMARITZBURG, 3200**

**270 Jabu Ndlovu Street
PIETERMARITZBURG
3201**

Contact Person: Ms Mavis Padayachee

Telephone No: 033 - 264 2572

16. Unless protected by law, all information filled in on this application will become public information on receipt by this Department. Any interested and affected party must be provided with the information contained in this application on request, during any stage of the application process.
17. Please note an exemption application must be finalized before lodging an application for environmental authorisation with the Department.
18. If an Environmental Assessment Practitioner (EAP) has not been appointed at the time of the submission of this application form, the declaration from the EAP must be included in the Basic Assessment Report.
19. **Pages 2 and 3 may be deleted from the application form submitted to the Department.**

| | | |
|---|--|-------------------------|
| Department of Economic Development, Tourism & Environmental Affairs, KwaZulu- Natal | Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA | 23 September 2016 |
|---|--|-------------------------|

CONTENTS

| | |
|--|------|
| LIST OF APPENDICES..... | 44 |
| 1. PROJECT TITLE..... | 55 |
| 2. BACKGROUND INFORMATION AND PROJECT DESCRIPTION..... | 55 |
| 3. ENVIRONMENTAL AUTHORIZATION APPLICATION..... | 8 |
| 4. WASTE MANAGEMENT LICENCE APPLICATION..... | 9 |
| 5. COMPETENCE TO UNDERTAKE A WASTE MANAGEMENT ACTIVITY..... | 1343 |
| 6. STATE DEPARTMENTS IDENTIFIED IN TERMS OF NEMA S 24 O..... | 1444 |
| 7. ECONOMIC AND SOCIAL INFORMATION..... | 1544 |
| 8. APPLICATION FOR EXEMPTION..... | 1645 |
| 9. DECLARATIONS..... | 1746 |

LIST OF APPENDICES

| | | SUBMITTED | |
|------------|--|-----------|-----|
| Appendix 1 | Written consent from the land owner or the person in control of the land (Regulation 39(1). If the applicant is not the land owner and Regulation 39(2) does not apply. | YES | N/A |
| Appendix 2 | Correspondence from the Department confirming the Listing Notice 3 activities triggered (if applicable) | YES | N/A |
| Appendix 3 | Approval by the Department that a combined application in terms of Regulation 11 of the EIA Regulations, 2014 may be submitted (if applicable) | YES | N/A |
| Appendix 4 | A locality map and a plan (Regulation 16 (1) (vii)) | YES | |
| Appendix 5 | Proof of payment of environmental authorization fees (if applicable). Proof of payment includes a stamped deposit slip or an electronic fund transfer payment advice. | YES | N/A |
| Appendix 6 | A written motivation explaining why the payment of environmental authorization fees are not applicable (an application for a community based project funded by a government grant or an application by an organ of state). | YES | N/A |

| | | |
|---|--|-------------------------|
| Department of Economic Development, Tourism & Environmental Affairs, KwaZulu- Natal | Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA | 23 September 2016 |
|---|--|-------------------------|

Application for Environmental Authorization and a Waste Management Licence in terms of
Section 24L of NEMA

1. PROJECT TITLE

Please provide the title of the project.

Basic Assessment for the proposed Decommissioning (Closure) of the Shakaville Landfill, KwaDukuza Local Municipality, KwaZulu Natal Province

a. Strategic Infrastructure Projects

| | | |
|--|-----|----|
| Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011? | YES | NO |
|--|-----|----|

2. BACKGROUND INFORMATION AND PROJECT DESCRIPTION

Project applicant:

| | | | |
|------------------------|--|-------|------------------------|
| Trading name (if any): | <i>KwaDukuza Local Municipality</i> | | |
| Contact person: | <i>Mr N.J Mdakane (Kwadukuza Local Municipality Municipal Manager)</i> | | |
| Physical address: | <i>Chief Albert Luthuli Street</i> | | |
| Postal address: | <i>P.O.BOX 72</i> | | |
| Postal code: | <i>KwaDukuza</i> | Cell: | <i>0324375098</i> |
| Telephone: | <i>0324375000</i> | Fax: | <i>To be confirmed</i> |
| E-mail: | <i>janetg@kwadukuza.gov.za</i> | | |

Owner or person in control of the land: (if the applicant is not the owner or the person in control of the land or Regulation 39(2) in the EIA Regulations 2014 does not apply)

| | | | |
|-----------------|--|-------|-------------------|
| Contact person: | <i>Mr N.J Mdakane (Kwadukuza Local Municipality Municipal Manager)</i> | | |
| Postal address: | <i>P.O.BOX 72</i> | | |
| Postal code: | <i>4449</i> | Cell: | <i>0324375015</i> |
| Telephone: | <i>0324375000</i> | Fax: | <i>0324375098</i> |
| E-mail: | <i>janetg@kwadukuza.gov.za</i> | | |

| | | |
|---|--|-------------------------|
| Department of Economic Development, Tourism & Environmental Affairs, KwaZulu- Natal | Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA | 23 September 2016 |
|---|--|-------------------------|

Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA

| | | | |
|------------------------|------------------------------|--|--|
| District Municipality: | Ilembe District Municipality | | |
| Local Municipality: | KwaDukuza Local Municipality | | |

In instances where the project includes more than one local or district municipality, please provide a list.
N/A

Contact person at Local Municipality: Wilson Mhlongo

| | | | |
|-----------------|--------------------------|-------|------------|
| Postal address: | P.O. BOX 72 | | |
| Postal code: | 4450 | Cell: | 0786836427 |
| Telephone: | 0324375091 | Fax: | 0324375098 |
| E-mail: | Wilsonm@kwadukuza.gov.za | | |

In instances where there is more than one local authority involved, please include details of local authorities with their contact details in an Appendix.

Only one local Authority, the KwaDukuza Local Municipality will be involved in the project.

| | |
|--|------------------|
| Property description/physical address: | Erf 3595 Stanger |
|--|------------------|

(Farm name, portion etc.) Where a large number of properties are involved (e.g. linear activities), please attach a full list in an Appendix to the application.

| | |
|--|----------------------------|
| Property size: (m ²) | 337367.732 |
| Waste management activity site size: (m ²) | Approximately 7.5 Hectares |

| | |
|-------------------------------------|-----------------------------------|
| Nearest town/s: | KwaDukuza CBD |
| Directions to the physical address: | Shakaville Ward 18, Mbozambo road |
| Current land-use zoning: | Conservation area |

In instances where there is more than one current land-use zoning, please attach a list of current land use zonings in the Appendix and also indicate which portions are relevant to this application.

| | | |
|--|-----|----|
| Is a change of land-use or a consent use application required? | YES | NO |
| Must a building plan be submitted to the local authority? | YES | NO |

Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA

Locality map:

An A3 locality map must be attached to the back of this document, as Appendix 9. The scale of the locality map must be relevant to the size of the development (at least 1:50 000. For linear activities of more than 25 kilometres, a smaller scale e.g. 1:250 000 can be used. The scale must be indicated on the map.) The map must indicate the following:

- an accurate indication of the project site position in relation to known landmarks such as towns/villages, as well as the positions of the alternative sites, if any;
- road access from all major roads in the area;
- road names or numbers of all major roads as well as the roads that provide access to the site(s);
- all roads within a 1km radius of the site or alternative sites; and
- a north arrow;
- a legend; and
- locality GPS co-ordinates (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 should be in degrees, minutes and seconds.

Site identification and linkage

Please indicate all the Surveyor-General 21 digit site (erf/farm/portion) reference numbers for all sites (including portions of sites) that are part of the application.

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 0 | F | U | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | 9 | 5 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

(if there are more than 6, please expand the list with the rest of the numbers)

(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

Please provide the **geographical coordinates** for the site

| Latitude /Longitude | Degrees | Minutes | Seconds |
|---------------------|---------|---------|---------|
| South | 29° | 19' | 48.62 |
| East | 31° | 18' | 171.19" |

| | | |
|---|--|-------------------------|
| Department of Economic Development, Tourism & Environmental Affairs, KwaZulu- Natal | Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA | 23 September 2016 |
|---|--|-------------------------|

3. ENVIRONMENTAL AUTHORIZATION APPLICATION

- a. **Description of listed activity/ies** (Refer to Government Notices R 983-985, dated 04 December 2014) (For an application for authorisation that involves more than one listed or specified activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated):

| Indicate the number and date of the relevant notice: | Activity No (s) (in terms of the relevant or notice): | Describe each listed activity as per the project description (and not as per wording of the relevant Government Notice) ¹ : |
|--|---|---|
| 983 dated 04 December 2014 | 27 | The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for- i) the undertaking of a linear activity; or ii) maintenance purposes undertaken in accordance with a maintenance plan. It is anticipated that clearing of vegetation in some sections of the landfill where rehabilitation is required may occur. |
| | | |
| | | |

Please note that any authorisation that may result from this application will only cover activities specifically applied for.

b. Type of application

i. Application for Basic Assessment

Is this an application that is subject to a basic assessment (as defined in the Regulations 2014)?

| | |
|-----|----|
| YES | NO |
|-----|----|

The applicant must adhere to the requirements with regard to timeframes for the submission to the Department of the Basic Assessment Report (including all relevant reports) as stipulated in sub-regulation 19(1) of the EIA Regulations, 2014.

ii. Application for Scoping and Environmental Impact Assessment (EIA)

Is this an application that is subject to Scoping and EIA (as defined in the Regulations 2014)?

| | |
|-----|----|
| YES | NO |
|-----|----|

The applicant must adhere with the requirements with regard to timeframes for the submission to the Department of the Scoping Report as stipulated in sub-regulation 21(1) of the EIA Regulations, 2014.

¹ Please note that this description should not be a repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description, i.e. describe the components of the desired development

| | | |
|--|--|-------------------|
| Department of Economic Development, Tourism & Environmental Affairs, KwaZulu-Natal | Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA | 23 September 2016 |
|--|--|-------------------|

Application for Environmental Authorization and a Waste Management Licence in terms of
Section 24L of NEMA

4. WASTE MANAGEMENT LICENCE APPLICATION

a. Type of Waste Management Licence application

| | | | |
|---|-----|--|---------|
| Is this application for a waste management licence for the establishment of a new facility or for the expansion of an existing facility or for the decommissioning / closure of an existing facility? | NEW | EXPANSION | CLOSURE |
| Is this an application that is subject to a basic assessment process? | YES | NO | |
| If yes, please indicate when the Basic Assessment Report will be submitted. | | | |
| Is this an application that is subject to a Scoping and EIR process? | YES | NO | |
| If yes, please indicate when the Scoping Report will be submitted. | | | |
| Does this activity, or development associated with this activity, require environmental authorisation? | YES | NO | |
| If yes, please complete section 2.2 below. | | | |
| Has environmental authorisation been granted for this activity, or development associated with this activity? | YES | NO (as an environmental authorisation is not required) | |
| If yes, please provide the relevant EIA reference number. | | | |
| N/A | | | |

b. Information related to the Waste Management Licence to be submitted with this application form

| | |
|---------------|---|
| Locality map: | <p>A locality map must be attached to the back of this form, as <u>Appendix A</u>. The scale of the locality map must be at least 1:50 000. The scale must be indicated on the map. The map must indicate the following:</p> <ul style="list-style-type: none"> • An accurate indication of the project site and all site alternatives. • Road names or numbers of all the major roads as well as the roads that provide access to the site(s) • A north arrow. <p>The Locality Map is attached as Appendix 4.1 based on the list of Appendices on Page 4 of this Application Form</p> |
| Site Plan: | <p>Detailed site plan(s) must be prepared for each alternative site or alternative activity. It must be attached as <u>Appendix B</u> to this form. The site plan must contain or conform to the following:</p> <ul style="list-style-type: none"> • The detailed site plan must be at a scale of 1:500 or larger. The scale must be indicated on the plan. • A reference number is to be assigned to the plan and the plan must be dated. • The property boundaries and numbers of all the properties within 50m of the site must be indicated on the site plan. • The current land use (not zoning) as well as the land use zoning of each of the adjoining properties must be indicated on the site plan. • The position of each element of the application as well as any other structures on the site must be indicated on the site plan. • Services, including electricity supply cables (indicate above or underground), water supply pipelines, boreholes, sewage pipelines, storm water infrastructure and access roads that will form part of the development must be indicated on the site plan. • Servitudes indicating the purpose of the servitude must be indicated on the site plan. |

Application for Environmental Authorization and a Waste Management Licence in terms of
Section 24L of NEMA

| | |
|--|---|
| | <ul style="list-style-type: none"> • Sensitive environmental elements within 100m of the site must be included on the site plan, including (but not limited to): <ul style="list-style-type: none"> ○ Rivers. ○ Flood lines (i.e. 1:10, 1:50, year and 32 meter set back line from the banks of a river/stream). ○ Ridges. ○ Cultural and historical features. ○ Areas with indigenous vegetation (even if it is degraded or infested with alien species). • Whenever the slope of the site exceeds 1:10, then a contour map of the site must be submitted. <p><u>Please Note:</u> If the above mentioned site plan(s) is not attached to this application form, such plan(s) must be submitted during the EIA process.</p> <p>The Site Plan is attached as Appendix 4.2 based on the list of Appendices on Page 4 of this Application Form</p> |
| <p>Project schedule: (for applications that will follow scoping /EIR process only)</p> | <p>A project schedule must be submitted as <u>Appendix C</u> to this form, and must include <i>inter alia</i> details of target dates for:</p> <ul style="list-style-type: none"> • public participation (dates for advertisements, workshops and other meetings, obtaining comment from state departments); • the commencement of parallel application processes required in terms of other statutes and where relevant, the alignment of these application processes with the EIA process; • the submission of key documents (Scoping Reports and Plan of Study, and EIA reports); • proposed date of commencement of the activity. <p><u>Please Note:</u> All of the above dates must consider the statutory timeframes for authority responses as stipulated in the EIA regulations.</p> <p>The Project Schedule is attached as Appendix 4.3. This is because the List of Appendices on Page 4 of this Application Form does not include this document.</p> |
| Applications for expansion or for decommissioning / closure of an existing facility | |
| Reference number of the existing Waste Management Licence: | <i>The Shakaville landfill was operating without a Licence and for this reason, there is no Reference number of the existing Waste Management Licence.</i> |
| Date of issue of the Waste Management Licence: | <i>See Above</i> |
| Date of expiry of the Waste Management Licence: | <i>See Above</i> |
| Activity/ies for which the Waste Management Licence was granted: | <i>See Above</i> |
| Please Note: A copy of the Waste Management Licence must be attached to this application. | |

c. Listed waste management activities applied for

The potential waste management activities which are being applied for and that are listed in Government Notice No. 921 of 29 November 2013 (in terms of the Waste Act) as Category A or Category B must be indicated below.

| | |
|--|---|
| Government Notice No. 921 - Category A activity no(s): | Describe the relevant waste management activity as per the project description: |
| 14 | <i>The currently disused Shakaville landfill is proposed for closure and requires a Decommissioning Licence. The KwaDukuza Local Municipality is applying for a Waste</i> |

| | | |
|--|--|-------------------------|
| Department of Economic Development, Tourism & Environmental Affairs, KwaZulu-Natal | Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA | 23 September 2016 |
|--|--|-------------------------|

Application for Environmental Authorization and a Waste Management Licence in terms of
Section 24L of NEMA

| | |
|---|--|
| | <i>Management Licence in order to legally decommission the facility, and to ensure that the landfill adheres to the NEM: WA, 2008 requirements, and other key legislation.</i> |
| Government Notice No. 921 - Category B activity no(s): | Describe the relevant waste management activity as per the project description: |
| N/A- Category B is not applicable to the proposed activities | |
| | |

d. Category C waste management activity/ies applicable²

If applicable, all potential waste management activities that are listed in Category C of Government Notice No. 921 of 29 November 2013 (in terms of the Waste Act) must be indicated below.

| | |
|---|---|
| Government Notice No. 921 - Category C activity no(s): | Describe the relevant waste management activity as per the project description: |
| N/A- Category C is not applicable to the proposed activities | |
| | |
| | |

e. Description of the waste management activity

| Indicate the type of activity: | Storage of waste | Reuse, recycling and recovery | Treatment of waste | Disposal of waste |
|--|------------------|-------------------------------|--------------------|-------------------|
| Please provide a description of the project and associated infrastructure: | | | | |
| <p>The Department of Environmental Affairs (DEA) is assisting the KwaDukuza Local Municipality to apply for a <i>Decommissioning Licence for the disused Shakaville landfill</i>. DEA has therefore appointed GA Environment (Pty) Ltd as independent Environmental Consultants, to undertake the Basic Assessment and Waste Management Licence Application for the landfill.</p> <p>The Shakaville landfill occupies an area of approximately 80 000m² (8 Ha) and is located on Erf 3595 Stanger within the KwaDukuza Local Municipality. Direct access is available from Mbozambo Street in Shakaville. The site centre co-ordinates are 29°19'48.62"S; 31°18'11.19"E.</p> <p>The boundaries of the landfill site are within the riparian area of a tributary of the Mbozamo River. The tributary bounds the landfill in almost all directions with the exception of the north westerly direction where access to the site is available. Refer to the attached Locality Map of the site.</p> <p>The Shakaville landfill ceased operations in the year 2000 after approximately 30 years of receiving general waste from areas located within the KwaDukuza Local Municipality boundaries. The Local Municipality currently disposes of waste at the Dolphin Coast Landfill Management (DCLM), however pockets of illegal dumping of waste is evident on the site boundaries. The Shakaville landfill was noted to have naturally rehabilitated as vegetation was noted to have been fully established. Current land use on site include pockets of informal housing infrastructure and the occupants are regarded</p> | | | | |

² Waste management activities which fall under Category C do not require a waste management licence, but must comply with the applicable standards.

| | | |
|---|--|-------------------------|
| Department of Economic Development, Tourism & Environmental Affairs, KwaZulu- Natal | Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA | 23 September 2016 |
|---|--|-------------------------|

Application for Environmental Authorization and a Waste Management Licence in terms of
Section 24L of NEMA

as historical reclaimers of waste that have since occupied this land when the disposal of waste ceased on this site. Approximately 20 families currently occupy the landfill site area. Infrastructure noted on site include a gate, sewer manholes and groundwater monitoring boreholes. Records of waste streams that have historically been disposed off on the site are unavailable.

f. Waste quantities (not applicable for decommissioning / closure applications)

Indicate the applicable waste types and quantities expected to be handled:

| Type of waste (e.g. garden waste, building rubble, industrial effluent) | Main source | Quantity | | On-site handling process | Intended purpose and location if removed off- site |
|--|-------------|------------------|----------------------------------|-----------------------------|---|
| | | Quantity /day | Quantity /month | | |
| General Waste | | | | | |
| Solid Waste | Households | n/a | Information is unavailable | n/a | <i>Unknown as records of waste streams that have historically been disposed off on the site are unavailable</i> |
| Garden Refuse | Households | n/a | Information is unavailable | n/a | <i>Unknown as records of waste streams that have historically been disposed off on the site are unavailable</i> |
| | | | | | |
| Hazardous Waste | | | | | |
| Medical waste | Clinics | n/a | Information is unavailable | n/a | <i>Unknown as records of waste streams that have historically been disposed off on the site are unavailable</i> |

| | | |
|---|--|-------------------------|
| Department of Economic Development, Tourism & Environmental Affairs, KwaZulu- Natal | Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA | 23 September 2016 |
|---|--|-------------------------|

Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA

5. COMPETENCE TO UNDERTAKE A WASTE MANAGEMENT ACTIVITY

In terms of sections 48(f) and 59 of the Waste Act the licensing authority must take into account whether the applicant is a "fit and proper" person. To assess the applicant's competence to undertake the activity and operate the facility, please disclose the following:

a. Legal compliance

Has the applicant ever been found guilty or issued with a non-compliance notice in terms of any national environmental management legislation?

Has the applicant's waste management licence in terms of the Waste Act ever been suspended or revoked?

Has the applicant ever been issued with a non-compliance notice or letter in terms of any South African Law?

| Yes / No | Details |
|----------|--|
| YES | <i>The Department of Water affairs and Forestry has previously issued a directive, reflected in Council resolution (C203). The details of this Directive were however still awaited from the KwaDukuza Local Municipality at the time of the submission of this Application Form</i> |
| NO | <i>This application is an attempt to formally apply for a Waste management Licence for Operation as the site has been operating illegally</i> |
| NO | <i>According to the Municipality, the KwaDukuza Local Municipality has not been issued a non-compliance notice or letter in terms of any other South African Law</i> |

NB: Details required above include any information that the applicant wants the licensing authority to take into consideration in determining whether they are a "fit and proper person" and this includes reasons why the offence happened and measures in place to prevent recurrence

b. Technical competence

What technical skills are required to undertake the activity and operate the facility?

How will the applicant ensure and maintain technical competency in the operation of the facility?

| |
|---|
| Although the facility will be licenced for closure, it is understood that licence conditions must be adhered to. In order to ensure this, the KwaDukuza Local Municipality's Municipal Manager will ensure that parties with the relevant skills are appointed. |
| <i>N/A as the application is for closure of the landfill . The Municipality will however ensure that rehabilitation and groundwater monitoring is undertaken as per the conditions of the Decommissioning Licence.</i> |

Details of applicant's experience and qualifications along with that of relevant employees must be summarised as shown in the table below:

| Name | Position | Duties and responsibilities | Qualifications and experience |
|-----------------------|----------------------|----------------------------------|---|
| <i>Wilson Mhlongo</i> | <i>Manager Waste</i> | <i>Managing Waste Management</i> | <i>NDIP: Horticulture, B-tech Management, 7 Years' experience in relevant field. Current (B-Tech Public Management)</i> |
| | | | |
| | | | |
| | | | |

| | | |
|--|--|-------------------|
| Department of Economic Development, Tourism & Environmental Affairs, KwaZulu-Natal | Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA | 23 September 2016 |
|--|--|-------------------|

Application for Environmental Authorization and a Waste Management Licence in terms of
Section 24L of NEMA

6. STATE DEPARTMENTS IDENTIFIED IN TERMS OF NEMA S 24 O

Please indicate to which State departments reports related to your application will be forwarded to provide comments in terms of section 24 O (2) of NEMA:

Please note: details of the relevant contact person and the address of the State department must be provided. Add the names and other details for State departments not listed.

| YES | NO | Name of Department | Contact person | Address |
|-----|----|--|--|--|
| ✓ | | Ezemvelo KZN Wildlife | Ms Nerissa Pillay, '033 845 1999/1000 'nerissa.pillay@kznmwildlife.com | Peter Brown Dr, Town Bush Valley, Pietermaritzburg, 3202 |
| ✓ | | Amafa | Weziwe Tshabalala. 0333 946543 | P.O. Box 2685, Pietermaritzburg, 3202 |
| ✓ | | Department of Water and Sanitation | Lwandle Sibango ('0828799722, sibango@dws.gov.za) | Southern Life Building 9th Floor 88 Joe Slovo Street Durban 4000 |
| ✓ | | Department of Agriculture, Forestry and Fisheries | Environmental issues are handled by Department of Economic Development under the Environmental Arm which is KZN Ezemvelo. See details above. | Environmental issues are handled by Department of Economic Development under the Environmental Arm which is KZN Ezemvelo. See details above. |
| ✓ | | Department of Cooperative Governance and Traditional Affairs | Ms Amanda Zungu, '0333556100, 'Amanda.ZunguU@kzn cogta.gov.za | 271 Church Street Pietermaritzburg |
| | ✓ | Department of Transport | The comments of this Department will not be required as it is the EAPs opinion that the proposed activities will not be of a scale that would require the involvement of the Department of Transport | |
| ✓ | | Department of Human Settlements | Peter Woolf (Peter.woolf@kzndhs.gov.za, 031 336 5416) | Eagle Building 353-356 Dr Pixley ka Seme Street Durban 4001 |
| ✓ | | Department of Health | S. B. Msimang (033) 846 7508, siphonmsimang@kznhealth.gov.za) | P/Bag x9051 Pietermaritzburg 3200 |

| | | |
|--|--|-------------------|
| Department of Economic Development, Tourism & Environmental Affairs, KwaZulu-Natal | Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA | 23 September 2016 |
|--|--|-------------------|

Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA

Please note that: The EAP must request comments from all relevant State departments and remind such departments that failure to submit comments with 30 days will, in terms of sub-regulation 3(4) of the EIA Regulations, 2014 be regarded as no comments.

7. ECONOMIC AND SOCIAL INFORMATION

Provide details on the anticipated socio-economic values associated with the proposed project.

| | |
|---|--|
| Anticipated CAPEX value of the project on completion | R±7 Million |
| What is the expected annual turnover to be generated by or as a result of the project? | None as this site will be licenced for closure |
| New skilled employment opportunities created in the construction phase of the project | Not determined, however local labour will be sourced |
| New skilled employment opportunities created in the operational phase of the project | Operation phase not applicable as landfill will be licenced for closure |
| New un-skilled employment opportunities created in the construction phase of the project | Construction phase not applicable as landfill will be licenced for closure. Some local labour will be sourced during the capping of the landfill as part of closure. |
| New un-skilled employment opportunities created in the operational phase of the project | Operational phase not applicable as landfill will be licenced for closure. Some local labour will be sourced during the capping of the landfill as part of closure. |
| What is the expected value of the employment opportunities during the operational and construction phase? | Not applicable as landfill will be licenced for closure. |

| | | |
|---|--|-------------------------|
| Department of Economic Development, Tourism & Environmental Affairs, KwaZulu- Natal | Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA | 23 September 2016 |
|---|--|-------------------------|

Application for Environmental Authorization and a Waste Management Licence in terms of
Section 24L of NEMA

8. APPLICATION FOR EXEMPTION

If the applicant has obtained exemption from any provision of the Act as it relates to an the application process for and environmental authorization or waste management licence a copy of this notice must be provided in the **Appendix**.

| | | |
|---|--|-------------------------|
| Department of Economic Development, Tourism & Environmental Affairs, KwaZulu- Natal | Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA | 23 September 2016 |
|---|--|-------------------------|

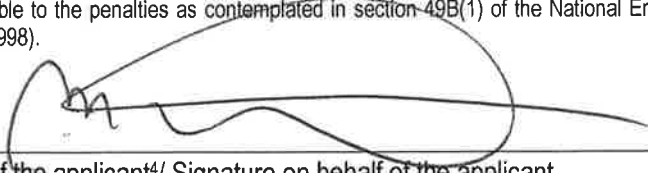
Application for Environmental Authorization and a Waste Management Licence in terms of
Section 24L of NEMA

9. DECLARATIONS

(a) Declaration by the applicant

I, Mthembu Josua Mkhwanazi, declare that I-

- am, or represent³, the applicant in this application;
- have appointed an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application;
- will provide the environmental assessment practitioner and the KZN Department of Economic Development, Tourism & Environmental Affairs with access to all information at my disposal that is relevant to this application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2014, including but not limited to –
 - costs incurred in connection with the appointment of the environmental assessment practitioner;
 - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
 - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the KZN Department of Economic Development, Tourism & Environmental Affairs;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of the EIA Regulations, 2014 and will take reasonable steps to verify whether the EAP complies with the Regulations;
- will inform all registered interested and affected parties of any suspension of the application, as well as of any decisions taken by the KZN Department of Economic Development, Tourism & Environmental Affairs in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the KZN Department of Economic Development, Tourism & Environmental Affairs;
- hereby indemnify the Government of the Republic of South Africa, the KZN Department of Economic Development, Tourism & Environmental Affairs and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of the EIA Regulations, 2014;
- will not hold the KZN Department of Economic Development, Tourism & Environmental Affairs responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of the EIA Regulations, 2014;
- I will perform all other obligations as expected from an applicant in terms of the EIA Regulations, 2014;
- all the particulars furnished by me in this form are true and correct; and
- I am aware that a person is guilty of an offence in terms of Regulation 48 (1) of the EIA Regulations, 2014, if that person provides incorrect or misleading information. A person who is convicted of an offence in terms of sub-regulation 48(1) (a)-(e) is liable to the penalties as contemplated in section 49B(1) of the National Environmental Management Act, 1998 (Act 107 of 1998).



Signature of the applicant⁴/ Signature on behalf of the applicant

KwaZulu Local Municipality

Trading name (if applicable)

2017/10/25

Date

³ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

⁴ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.

| | | |
|--|--|-------------------|
| Department of Economic Development, Tourism & Environmental Affairs, KwaZulu-Natal | Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA | 23 September 2016 |
|--|--|-------------------|



KWADUKUZA
MUNICIPALITY
www.kwadukuza.gov.za

KwaDukuza Municipality

OFFICE OF THE MAYOR

| | | | | | |
|-----------------------------------|----------------------------------|---------------------------------|--------------|---|--------------------------------|
| Enquiries Imobuzo Navrae | N GUMBI SENIOR MANAGER: LEGAL | Telephone Ucingo Telefoon | 032 437 5571 | Postal Address Isikhwama Seposi Pos Adres | PO Box 72 KwaDukuza 4450 |
| Reference Inkomba Verwysing | EDTEA/KZN | Fax iFeksi Faks | | Date Usuku Datum | 20 October 2017 |

Department of Economic Development, Tourism & Environmental Affairs.

KZN Province

Dear Sir,

RE: CONFIRMATION OF DELEGATION FOR THE MUNICIPAL MANAGER: KWADUKUZA

LOCAL MUNICIPALITY

The above matter refers.

The Office of Legal Services in consultation with the Honorable Mayor of KwaDukuza Local Municipality in his capacity as the direct supervisor of Mr N.J Mdakane (Municipal Manager) who is appointed in terms of *section 54A of the Municipal Systems Act 32 of 2000*, hereby confirms that the Municipal Manager is having relevant and legitimate delegations to sign any legally binding documents on behalf of Council.

In confirming the above delegations which was taken by Council in terms of *section 59 of the Municipal Systems Act 32 of 2000*, a certified copy of an extract from the Council Resolution No: C831 dated the 23rd August 2016 is hereby attached for your information and record.

I trust the above is in order. Should you have any queries, please do not hesitate to contact the office of Legal services.

Kind Regards

MR N.R MTHEMBU
HONORABLE MAYOR
KWADUKUZA MUNICIPALITY

Phone: +27 32 437 5014

Email: thabilez@kwadukuza.gov.za

Application for Environmental Authorization and a Waste Management Licence in terms of
Section 24L of NEMA

(b) Declaration by the environmental assessment practitioner.

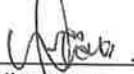
Environmental assessment practitioner (EAP):⁵

| | | | |
|--|--|-------|--------------|
| Trading name (if any): | GA Environment (Pty) Ltd | | |
| Contact person: | Ntsebo Mkhize | | |
| Postal address: | GladAfrica Group, P.O Box 6723, Halfway House | | |
| Postal code: | 1685 | Cell: | 072 550 9669 |
| Telephone: | 011 312 2527 | Fax: | 011 805 1950 |
| E-mail: | environment@qaenvironment.com | | |
| Education Qualifications ⁶ : | BSc (Hons) Environmental Management (cum laude), BSc (Hons) Geography, BSc Landscape Architecture | | |
| Professional affiliation(s) (if any) ⁷ | None | | |

I, **Ntsebo Mkhize** declare that I

- am the independent environmental practitioner in this application;
- do not have and will not have any vested interest (either business, financial, personal or other) in the undertaking of the proposed activity, other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2014;
- will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;
- declare that there are no circumstances that may compromise my objectivity in performing such work;
- have expertise in conducting environmental impact assessments, including knowledge of the National Environmental Management Act, 1998 (Act 107 of 1998), regulations and any guidelines that have relevance to the proposed activity;
- will comply with the National Environmental Management Act, 1998 (Act 107 of 1998), regulations and all other applicable legislation;
- will take the provisions of regulation 7(2) of the EIA Regulations, 2014 into account when preparing any report relating to this application;
- undertake to disclose to the applicant and the KZN Department of Economic Development, Tourism & Environmental Affairs all material information in my possession that reasonably has or may have the potential of influencing its decision with respect to this application;
- will ensure that information containing all reports in respect of this application is distributed or made available to interested and affected parties and that their participation is facilitated in such a manner that they will be provided with a reasonable opportunity to participate and provide comments on the reports;
- will provide the competent authority with access to all information at my disposal regarding this application, whether such information is favourable to the applicant or not;
- declare that all the particulars furnished by me in this form are true and correct;
- I am aware that a false declaration is an offence in terms of regulation 71(1) of the EIA Regulations, 2014 and that it is punishable in terms of regulation 71(2) of the EIA Regulations, 2014; and
- I will comply with all the requirements as indicated in the National Environmental Management Act, 1998 (Act 107 of 1998) and Environmental Impact Assessment Regulations, 2014.

Signature of the environmental assessment practitioner



Trading name

GA Environment (Pty) Ltd

Date

29.11.2017

^{6 & 7} Please include details of names, education qualifications and professional affiliations of the EAP and each representative of the EAP appointed to manage this application.

| | | |
|---|--|-------------------------|
| Department of Economic Development, Tourism & Environmental Affairs, KwaZulu- Natal | Application for Environmental Authorization and a Waste Management Licence in terms of Section 24L of NEMA | 23 September 2016 |
|---|--|-------------------------|