

Sasko Building 90 Long Street, Private Bag X6012, Kimberley, 8300. Tel (053) 8077430, Fax (053) 831 3530

Application form for the rectification of unlawful commencement or continuation of a listed activity in terms of Section 24G of the National Environmental Management Act, 1998 (Act No. 107 of 1998) as amended

Kindly note that:

- 1. This application form must be completed for all applications in terms of Section 24G of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended, by an independent Environmental Assessment Practitioner.
- 2. It is the responsibility of the Applicant / Environmental Assessment Practitioner (EAP) to ascertain whether subsequent versions of the application form have been published or produced by the relevant competent authority.
- 3. The content of the application for rectification form comprises of:

Section A: Application Information

Section B: Activity Information

Section C: Description of Receiving Environment

Section D: Preliminary Impact Assessment

Section E: Alternatives Section F: Appendices Section G: Declarations

- 4. An independent EAP must be appointed to complete the application form on behalf of the applicant; the declaration of independence must be completed by the independent EAP and submitted with the impact assessment report.
- 5. The required information must be typed within the spaces provided. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. The space provided extend as each space is filled with typing. A legible font type and size must be used when completing the form. The font size should not be smaller than 10pt (e.g. Arial 10). A digital copy of the application form is available on the Department's website (details below).
- 6. The use of "not applicable" in the application form must be done with circumspection.
- 7. No faxed or e-mailed applications will be accepted.
- 8. Unless protected by law, all information contained in and attached to this application form may become public information on receipt by the competent authority. Upon request, any interested and affected party must be provided with the information contained in and attached to this application form.

- 9. This application form must be submitted to the Department at the postal address given below or by delivery thereof to the Registry Office of the competent authority. Unnecessary delays will be incurred should the application and attached information not be submitted to the correct address and / or competent authority.
- 10. This application form constitutes the initiation of the Section 24G application process.

DEPARTMENTAL DETAILS

The Director: Biodiversity Management, Compliance and Enforcement

Department of Environment and Nature Conservation

Bag X 6012 Kimberley 8301 South Africa

SECTION A: APPLICATION INFORMATION

1. APPLICANT PROFILE INDEX

Cross out the appropriate box "⊠".

| 1. | 1 The applicant is an individual | YES | NO |
|----|---|-----|----|
| 1. | 2 The applicant is a company | YES | NO |
| 1. | 3 The applicant is a state-owned enterprise or municipality | YES | NO |

| Project applicant: | Hantam Veevoere | | | | | | |
|--------------------|------------------------------|--------|--------|-------|---|--|--|
| RSA Identity | | | | | | | |
| number: | | | | | | | |
| Contact person: | Giepie Steyn | | | | | | |
| Position in | Owner | | | | | | |
| company | Owner | | | | | | |
| Registered Name | | | | | | | |
| of Company/ | Hantam Veevoere | | | | | | |
| Closed | Tiantam voovooro | | | | | | |
| Corporation | | | | | | | |
| Trading name (if | Hantam Veevoere | | | | | | |
| any): | | | | | | | |
| Registration | 1988 / 003928 / 23 | | | | | | |
| number | | | | | | | |
| Postal address: | 06 Stock Street, Okavango Pa | | 1 | | | | |
| | Brackenfell | Postal | 7560 | | | | |
| | | code: | | | | | |
| Telephone: | 021 982 4525 | Cell: | | | | | |
| E-mail: | giepie@nexusinteriors.co.za | Fax: | 021 98 | 2 452 | 6 | | |

| Environmental | | | | |
|---|---|------------------------------|-------------------------------|--|
| Assessment Practitioner | EnviroAfrica CC | | | |
| (EAP): | Emile Egguire | | | |
| Contact person: Postal address: | Emile Esquire P. O. Box 5367, Helderberg | | | |
| Postar address: | P. O. Box 5367, Heiderberg | Dogtol | | |
| | | Postal code: | 7446 | |
| Telephone: | 021 851 1616 | Cell: | | |
| E-mail: | emile@enviroafrica.co.za | Fax: | 086 512 0154 | |
| EAP Qualifications | EIA Short course (UP). <u>Bernard de Witt</u> : B.Sc. Fores Administration (Stellenbosch Recreation Management; EI Auditors course (SABS) | stry (Steller n); Nationa | Diploma in Parks and | |
| EAP Registrations/Associations | Bernard de Witt: AIAI-SA | | | |
| | | | | |
| Landowner(s): | Same as Applicant | | | |
| Contact person(s): | | | | |
| Postal address: | | | | |
| | | Postal | | |
| | | code: | | |
| Telephone: | () | Cell: | | |
| E-mail: | | Fax: | () | |
| Please Note: In instances we landowners with their conta | | | rner, please attach a list of | |
| Municipality in whose area of jurisdiction the activity falls: | Hantam Local Municipality | | | |
| Contact person: | Municipal Manager | | | |
| Postal address: | Private Bag X14 | | | |
| | Calvinia | Postal code: | 8190 | |
| Telephone | (027) 341 8500 | Cell: | | |
| E-mail: | ` / | Fax: | (027) 341 8501 | |
| Please Note : In instances where there is more than one Municipality involved, please attach a list of Municipalities with their contact details to the back of this page. | | | | |
| | | | | |
| 1 | Rectification for the unlar | wful dava | lonment and expansion of | |

| D | | for the unlaw | | • | • | |
|---|--|---------------|--------|-----|-----|----------|
| Project title: | Hantam Veevoere on Erf 3000, Calvinia, off the R27, North Cape | | | | | Northern |
| Property location: Erf 3000, Calvinia, off the R27, Northern Cape | | | | | | |
| Farm/Erf name & number (incl. portion): | Erf 3000, Calvinia, off the R27, Northern Cape | | | | | |
| SG21 Digit code: | C015000200 | 0030000000 | | | | |
| Co-ordinates: | Latitude (S): Longitude (E | | (E): | | | |
| | 31° | 27' | 52.99" | 19° | 47' | 31.78" |

Please Note:

Where a large number of properties are involved (e.g. linear activities), attach a list of property descriptions to the back of this page.

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 projection that must be used in all cases is the WGS84 spheroid in a national or local projection.

Street address: Off the R27, Calvinia, Hantam Municipality, Namakwa District Municipality

Magisterial District or Town: Calvinia

Please Note: 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 the back of this page.

Closest City/Town: Calvinia Distance OKm
Zoning of Property: Industrial 2 (See Appendix H1)

Please Note: In instances where there is more than one zoning, please attach a list of zonings that also indicate which portions each use pertains to, to this application.

| Was a rezoning application required? | YES | NO |
|---|-----|----|
| Was a consent use application required? | YES | NO |

Please Note: Where planning approvals have been granted please attach the relevant approvals. In instances where there is more than one zoning, please attach a list of zonings that also indicate which portions each use pertains to, to this application.

Owners consent:

Letters of consent from all landowners or a detailed explanation the applicant explaining why such

letters of consent are not furnished must be attached to the ba of this document as Appendix C.

2. APPLICATION HISTORY

(Cross out the appropriate box "⊠" and provide a description where required).

Has any national, provincial or local authority considered any

Yes

No

development applications on the property previously?

If so, please give a brief description of the type and/or nature of the application/s: instances where there were more than one application, please attach a list of the applications)

EnviroAfrica CC was previously instructed by the applicant to undertake an Environmental Impact Assessment application for Erf 3579 and S24G Rectification for Erf 3000 was submitted to DENC. Initial PPP was undertaken for both applications, which ran concurrent. Initial comments were received from neighbouring land owners and Interested and Affected Parties ("I&APs"); but due to the applicant's failure to pay EnviroAfrica CC for services rendered at the time, the EAP withdrew from continuing with the processing of the two applications.

However, the applicant recently realised that he had to rectify the unlawful commencement of listed activities on Erf 3000; and paid EnviroAfrica CC to initiate a new S24G rectification application in order to obtain environmental approval; therefore this new S24G rectification application. Please note that all I&APs notified during the previous EIA and S24G rectification application, will now also be consulted with during the Public Participation Process ("PPP") of this S24G rectification application.

| Which authority considered the application: | | | | | |
|--|--|--|--|--|--|
| The Department of Environment and Nature Conservation ("DENC") – Northern Cape Province | | | | | |
| Has any one of the previous application/s on the property been approved rejected? If so provide a list of the successful and unsuccess application/s and the reasons for decision/s. | | | | | |
| No decision was reached on the applications previously lodged. | | | | | |
| Provide detail on the period of validity of decision and expiry dates of the above applications/ permits etc. | | | | | |
| | | | | | |

| I hereby apply in terms of Section 24 G of the National Environmental Management Act (Act no 107 of 1998 as amended) for the rectification of the unlawful commencement or continuation of a listed activity: | | | | | |
|---|-------|--|--|--|--|
| Applicant (Full names)Signature: | | | | | |
| Place: | Date: | | | | |
| EAP (Full names)Signature: | | | | | |
| Place: | Date: | | | | |

SECTION B: ACTIVITY INFORMATION

1. ACTIVITIES APPLIED FOR:

Separate rectification applications are required for one development site where more than one listed activity has commenced and where these unlawfully commenced activities constitute offences in terms of different EIA regulations Applicants and EAPS are strongly advised to discuss the merits of a combined application (if deemed appropriate) with the relevant Department prior to the completion of this application form and submission thereof. The relevant Department will use its discretion in deciding to allow one rectification application for more than 1 Section 24F(2(a) contravention on one development site. 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. The onus is on the applicant to ensure that all the applicable listed activities are included in the application.

2. ACTIVITY DESCRIPTION

An application may be made for more than one listed or specified activity that, together, make up one development proposal. All the listed activities that make up this application must be listed.

| | | : |
|--|---|--|
| Number and date of the relevant notice: | Activity No (s) (in terms of the relevant or notice): | Describe each listed activity |
| GN No. R. 327 Activity No(s): (Listing Notice 1 of 2017) | 3 - The development and related operation of facilities or infrastructure for the slaughter of animals with a - (i) product throughput of poultry exceeding 50 poultry per day; (ii) product throughput of reptiles, game and red meat exceeding 6 units per day; or wet weight product throughput of fish, crustaceans and amphibians exceeding 20 000 kg per annum. | Hantam Veevoere is an animal feed manufacturer and also provides facilities to house livestock in a concentrated form. Thus animals are raised until they reach the correct weight for the market. In addition, the applicant used an existing building on Erf 3000 as small meat processing area (abattoir) for the slaughter of chickens, together with a cold storage area; without the required authorisation. A sheep feedlot which is 3000 Large |
| | | Stock Unit (LSU) on Erf 3000. Chicken pens with a combined capacity to hold 2000 chicks were developed on the Erf 3000. Two pig pens have been developed that have the capacity for 100 sows, including holding approximately 50 boars and each sow's piglets. |
| | | This development and expansion of Hantam Veevoere is located adjacent to the R27 on Erf 3000 and Erf 3579, Calvinia, Northern Cape with the following site Co-Ordinates: 31°27'52.99"S, 19°47'31.78"E. |
| GN No. R. 327 Activity No(s): | 4 - The development and related operation of facilities or infrastructure for the concentration of animals [for the | The development and related operation of facilities or infrastructure for the concentration of animals for |

| | T | T |
|--|---|---|
| (Listing Notice 1 of 2017) | purpose of commercial production] in densities that exceed— (i) 20 square metres per large stock unit and more than 500 units per facility; (ii) 8 square meters per small stock unit and; a. more than 1 000 units per facility excluding pigs where (b) applies; or b. more than 250 pigs per facility excluding piglets that are not yet weaned; (iii) 30 square metres per crocodile [at any level of production, excluding crocodiles younger than 6 months] and more than 20 crocodiles per facility; (iv) 3 square metres per rabbit and more than 500 rabbits per facility; or (v) 250 square metres per ostrich or emu and more than 50 ostriches or emus per facility. | commercial production. All constructed development took place from 2013 to 2015 (this includes the chicken pens, pig pens, any new sheep paddocks which may have been constructed, as well as the drying area for solid waste emanating from animal pen washing and the constructed slurry pit/septic tank for the residual liquid waste emanating from the animal pen washing). |
| GN No. R. 327 Activity No(s): (Listing Notice 1 of 2017) | 5 - The development and related operation of facilities or infrastructure for the concentration of— (i) more than 1 000 poultry per facility situated within an urban area, excluding chicks younger than 20 days; (ii) more than 5 000 poultry per facility situated outside an urban area, excluding chicks younger than 20 days; (iii) more than 5 000 chicks younger than 20 days per facility situated within an urban area; or (iv) more than 25 000 chicks younger than 20 days per facility situated outside an urban area. | The development and related operation of facilities or infrastructure for the concentration of animals for commercial production. All constructed development took place from 2013 to 2015 (this includes the chicken pens, pig pens, any new sheep paddocks which may have been constructed, as well as the drying area for solid waste emanating from animal pen washing and the constructed slurry pit/septic tank for the residual liquid waste emanating from the animal pen washing). |
| GN No. R. 327 Activity No(s): (Listing Notice 1 of 2017) | 12 - The development of; (i) dams or weirs, where the dam or weir, including infrastructure and water surface area, exceeds 100 square metres; (ii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs; (a) within a watercourse; (b) in front of a development setback; or (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse; excluding: (aa) the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour; (bb) where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies; | The development and associated infrastructure has a combined footprint of more than 100 m² within 32m of a watercourse. The pig pens and the animal manure/ waste storage area is located within 32m of the watercourse east of the site. |

| GN No. R. 327 Activity No(s): (Listing Notice 1 of 2017) | (cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies; (dd) where such development occurs within an urban area; or (ee) where such development occurs within existing roads or road reserves or railways line reserves; or (ff) The development of temporary infrastructure or structures where such infrastructure or structures will be removed within 6 weeks of the commencement of development and where indigenous vegetation will not be cleared. 67 - Phased activities for all activities (ii) listed in this Notice, which commenced on or after the effective date of this Notice; or similarly listed in any of the previous NEMA notices, which commenced on or after the effective date of such previous NEMA Notices; | The development and related operation of facilities or infrastructure for the concentration of animals for commercial production. All constructed development took place from 2013 to 2015 (this includes the chicken pens, pig pens, any new |
|--|---|---|
| | excluding the following activities listed in this Notice; 17(i)(a-d); 17(ii)(a-d); 17(iii)(a-d); 17(iv)(a-d); 17(v)(a-d); 20; 21; 22; 24(i); 29; 30; 31; 32; 34; 54(i)(a-d); 54(ii)(a-d); 54(iii)(a-d); 54(iv)(a-d); 54(v)(a-d); 55; 61; 64; and 65, or | sheep paddocks which may have been constructed, as well as the drying area for solid waste emanating from animal pen washing and the constructed slurry pit/septic tank for the residual liquid waste emanating from the animal pen washing). |
| | (ii) listed as activities 5, 7, 8(ii) 11, 13, 16, 27(i) or 27(ii) in Listing Notice 2 of 2014 or similarly listed in any of the previous NEMA notices, which commenced on or after the effective date of such previous NEMA Notices where any phase of the activity was below a threshold but where a combination of the phases, including expansions or extensions, will exceed | |
| | a specified threshold; | |
| GN No. R. 324 Activity No(s): | 3 - The development and related operation of facilities or infrastructure for the slaughter of animals with a - | The applicant used an existing building on Erf 3000 as a small meat processing area (small abattoir) for |
| (Listing Notice 1 of 2017) | (iii) product throughput of poultry exceeding 50 poultry per day; (iv) product throughput of reptiles, game and red meat exceeding 6 units per day; or wet weight product throughput of fish, | the slaughter of chickens, together with a cold storage area; without the required permits/ authorisations in place. |
| | crustaceans and amphibians exceeding 20 000 kg per annum. | |
| GN No. R. 324 Activity No(s): | 26 - Phased activities for all activities i. listed in this Notice and as it applies to a specific geographical area, | The development and related operation of facilities or infrastructure |
| (Listing Notice 1 of 2017) | which commenced on or after the effective date of this Notice; or ii. similarly listed in any of the previous NEMA notices, and as it applies to a specific geographical area, which commenced on or after the effective date | for the concentration of animals for commercial production. All constructed development took place from 2013 to 2015 (this includes the chicken pens, pig pens, any new sheep paddocks which may have been constructed, as well as the |

| of such previous NEMA Notice | drying area for solid waste emanating |
|--|---------------------------------------|
| where any phase of the activity was | |
| below a threshold but where a | |
| combination of the phases, including | the residual liquid waste emanating |
| expansions or extensions, will exceed a | from the animal pen washing). |
| specified threshold; | |
| excluding the following activities listed in | |
| this Notice; | |
| 7; 8; 11; 13; 20; 21; and 24. | |

Please note that any authorisation that may result out of this application will only cover activities applied for. Omissions may render any authorisation that is based on incomplete information to be nil and void.

(Cross out the appropriate box " \boxtimes " and provide a description where required).

| (a) Is/was the project a new development or an upgrade of an existing development? | New | Upgrade |
|--|-----|--------------------|
| | | |

Clearly describe the activity and associated infrastructure commenced with, indicating what has been completed, what still has to be completed and applicable commencement dates.

Hantam Veevoere is an animal feed manufacturer and also provides facilities to house livestock in a concentrated form. Thus animals are raised until they reach the correct weight for the market.

The development and related operation of facilities or infrastructure for the concentration of animals for commercial production. All constructed development took place from 2013 to 2015 (this includes the chicken pens, pig pens, any new sheep paddocks which may have been constructed, as well as the drying area for solid waste emanating from animal pen washing and the constructed slurry pit/septic tank for the residual liquid waste emanating from the animal pen washing). The retention of livestock and poultry on site for commercial purposes took place from 2013 to date.

The applicant made use of an existing shed to house sheep, which was also used by the previous owner of the property. The existing sheep feedlot was extended, by the applicant, to increase the capacity of sheep on site. The existing capacity of the sheep feedlot is 3000 Large Stock Unit (LSU).

Chicken pens with a capacity to hold 2000 chicks were developed on Erf 3000. Pig pens that have been/ will be developed that have the capacity for 100 sows, including holding approximately 50 boars and each sow's piglets. The livestock are going to be sold to the local meat market of Calvinia and surrounding areas.

In addition, the applicant used an existing building on Erf 3000 as a small meat processing area (small abattoir) for the slaughter of chickens, together with a cold storage area; without the required permits/ authorisations in place (see figures 1, 2 & 3). The applicant recently ceased the slaughtering activities after been instructed by the local authorities to cease. It is the intention of the applicant to do a separate Basic Assessment for the proposed construction of a small abattoir and new proposed pig/ sheep feedlot on erf 3579 in future; and does not form part of this rectification application. The applicant indicated that no livestock or poultry was brought onto or kept on Erf. 3579.

An area for the storage of livestock manures (drying area), located just east of the pig pens, has also been created (see figures 1, 2 & 3). A slurry pit, with a capacity of 80m3, was also constructed and is located adjacent to the two pig pens. The waste water from the pig pens and chicken pens

gets washed into the slurry pit where it settles; where after solids gets removed to an area on the north-eastern corner of the property. This is to ensure that the wet animal waste/manure is being settled before the Municipality removes the pig waste/manure to the local municipal landfill site. The applicant also constructed a composting area at the north-eastern corner of the Property; this is where the animal manure gets turned into compost/ fertiliser. The applicant indicated that the fertilizer will be sold to the local farmers in the area.

This development and expansion of Hantam Veevoere is located adjacent to the R27 on Erf 3000, Calvinia, Northern Cape with the following site Co-Ordinates: 31°27'52.99"S, 19°47'31.78"E.

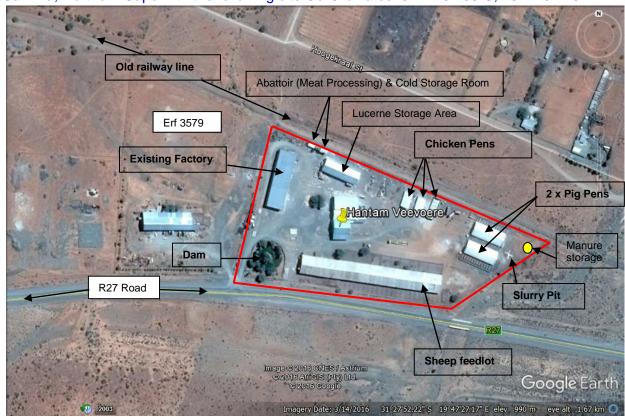


Figure 1: Google Earth image of the proposed site. Map showing the constructed pig pen; chicken pens; sheep feedlot; slurry pit, and manure waste storage area (yellow circle).

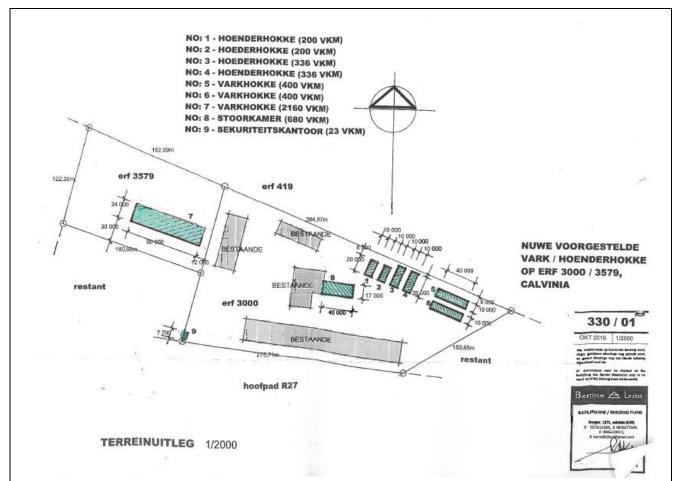


Figure 2: Terrain Plan that was submitted with building plans to Hantam Municipality. The map shows the constructed pig sheds; sheep feedlot; and chicken pens. The structures named 8 and 7 does not form part of this rectification application; and has not been constructed. A new Basic Assessment will be undertaken for structures on Erf 3579.

(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 NO

Provide brief description:

- 2 Buildings currently used as pig pens have been constructed on Erf 300;
- Chicken pens have been constructed on Erf 3000 with a capacity to hold 2000 chicks;
- A sheep feedlot (with a 3000 Large Stock Unit (LSU) capacity) has been constructed under the existing covered shed ("onderdak") on Erf 3000;
- A slurry pit, with a capacity of 80m³, has been constructed on Erf 3000; and
- An area has been created to store animal manure on the north-eastern part of Erf 3000, adjacent to the 2 pig pens.

Infrastructure (e.g. roads, power and water supply/ storage)

YES

NO

Provide brief description:

- No further infrastructure has been constructed.
- No roads were constructed as an existing access road was used to gain access to and from the site
- Electricity is sourced from Eskom.
- Ground water (borehole) is used on the property.
- Municipal water is being used for private domestic usage.

Processing activities (e.g. manufacturing, storage, distribution)

YES

NO

Provide brief description:

Hantam Veevoere is an existing animal feed manufacturer and also provides facilities to house livestock. The pig sheds, chicken pens, and sheep feedlots in which the livestock are concentrated produces animal manure/ biological waste. A manure storage area was also created on the northeastern corner of the property, adjacent to the pig pens. This is then later turned into fertilisers and sold to local farmers in the area.

Storage facilities for raw materials and products (e.g. volume and substances to be stored) NO

Provide brief description

YES

Please see below.

Storage and treatment facilities for solid waste and effluent generated by the project

Yes

No

Provide brief description

Hantam Veevoere is an existing animal feed manufacturer and also provides facilities to house livestock. The pig sheds, chicken pens, and sheep feedlots in which the livestock are concentrated produces animal manure/ biological waste. A manure storage area was also created on the northeastern corner of the property, adjacent to the pig pens. This is then later turned into fertilisers and sold to local farmers in the area.

- The chicken pens, pig pens, and sheep feedlot or paddocks which have been constructed produces solid waste:
- The drying area for solid waste emanating from the animal pen washing; and
- The slurry pit for the residual liquid waste emanating from animal pen washing.

Other activities (e.g. water abstraction activities, crop planting activities)

Yes

No

Provide brief description

Ground water is used on site and is obtained through water abstraction from an existing borehole.

ACTIVITY NEED AND DESIRABILITY 3.

Describe the need and desirability of the activity:

The development and related operation of facilities or infrastructure for the concentration of animals for commercial production. The applicant indicates that he commenced with the concentration and production of livestock to be sold on the meat market. The site is also used for the manufacturing of animal feed/ pellets for farmers in the Calvinia area. The applicant indicates that by undertaking the development he will be able to provide meat products to the local retailers and would also contribute to local food security in the Calvinia area. According to the Hantam Municipality IDP 2015-2016, the Hantam area consists largely of non-arable, low potential grazing land and is therefore ideally suited to sheep farming. Agriculture activities that can therefore take place in the Hantam, include:

Sheep farming for meat and wool; and beneficiation plants of sheep farming (sheep skin and offal), etc. The property is zoned as Industrial 2 and is totally transformed by past activities. In addition, the applicant bought the property with the intention of establishing infrastructure for the concentration on livestock on his property.

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:

By undertaking the development the applicant will be able to provide meat products to the local retailers and would also contribute to local food security in the Calvinia area. The proposed activity would likely have a positive socio-economic impact on the local economy through the provision of much needed employment in the area. The applicant indicates that 15 employment opportunities will be created by the development and is expected to increase over time.

4. PHYSICAL SIZE OF THE ACTIVITY

| Indicate the physical spatial size of the activity as well as associated infrastructure (footprints): | Development and associated infrastructure 12 084 <i>m</i> ² |
|--|--|
| Indicate the area that has been transformed / cleared to allow for the activity as well as associated infrastructure | Approximately 12 084 m ² |
| Total area (sum of the footprint area and transformed area) | Approximately 12 084 m ² |

5. SITE ACCESS

| Was there an existing access road? | | | | |
|---|----------|--------|--|--|
| 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 a | ccess ro | oad on | | |
| the site plan] | | | | |
| Existing gravel roads will be/ was used to access the site. | | | | |
| | | | | |

6. 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.

7. 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): | |
|---|--|--|-----------------------------------|--|
| NEMA EIA Regulations | Department of Environment and Nature Conservation ("D:ENC"). | Environmental Authorisation | Not yet | |
| SPLUMA | Hantam Municipality | Possibly Consent Use | Not yet | |
| National Heritage Resources Act, 1999 (Act 25 of 1999) | SAHRA | Permit | Not yet | |
| Meat Safety Act, 2000 (Act 40 of 2000) | Department of Agriculture | Permit | Not yet | |
| | | | | |

| POLICY/ GUIDELINES | ADMINISTERING AUTHORITY |
|--|-------------------------|
| D:E&NC Guidelines | D:E&NC |
| National Environmental Management Act, 1998 (Act 107, 1998). | D:E&NC |

8. Application for Basic Assessment (BA)

Is the rectification process done through an application for conducting a basic assessment (as defined in the regulations)? If, YES, is a basic assessment report attached?

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

If, NO, please indicate when the basic assessment report will be submitted:

A BASIC ASSESSMENT REPORT WILL BE SUBMITTED DURING THE DURING THE 30 DAY COMMENTING PERIOD ON THE POST-APPLICATION BAR.

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

Is the rectification process done through an application for Scoping and EIA (as defined in the regulations)? If, YES, is a Scoping Report and Plan of Study for EIA attached?

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

If, NO, please indicate when the Scoping Report and Plan of Study for EIA will be submitted:

N/A

The scoping report and/or the plan of study for EIA will be submitted

YES NO

after consultation with the competent authority: A consultation with the competent authority is hereby requested:

YES NO

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): | |

1. GRADIENT OF THE SITE

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

| Flat | Flatter than 1:10 | 1:10 – 1:5 | Steeper than 1:5 |
|------|-------------------|-----------------------|------------------|

2. LOCATION IN LANDSCAPE

Indicate the landform(s) that best describes the site (cross out ("\overline{\overline

appropriate box (es).

| Ridgeline | Plateau | Side slope of hill/mountain | Closed valley | Open valley | Plain | Undulating plain/low hills | Dune | Sea- front | Other: |
|-----------|---------|-----------------------------|------------------|----------------|-------|----------------------------------|------|---------------|--------|
|-----------|---------|-----------------------------|------------------|----------------|-------|----------------------------------|------|---------------|--------|

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) | NO | |
|---|----|--|
| Seasonally wet soils (often close to water bodies) | NO | |
| Unstable rocky slopes or steep slopes with loose soil | NO | |
| Dispersive soils (soils that dissolve in water) | NO | |
| Soils with high clay content | NO | |
| Any other unstable soil or geological feature | NO | |
| An area sensitive to erosion | 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.

4. SURFACE WATER

Indicate the surface water present on and or adjacent to the site and alternative sites (cross out (" \boxtimes ") the appropriate boxes)?

| Perennia | l River | | | | NO | UNSURE |
|----------|---------|--|--|--|----|--------|

| Non-Perennial River Karee River, Classified as Moderately Modified on the National Freshwater Ecosystem Priority Areas (NFEPA) map (see below), located adjacent to the site. The site maybe located within 32m of the watercourse. | YES | | UNSURE |
|---|-----|----|--------|
| Permanent Wetland | | NO | UNSURE |
| Seasonal Wetland | | NO | UNSURE |
| Artificial Wetland | | NO | UNSURE |
| Estuarine / Lagoonal wetland | | NO | UNSURE |



Figure 3: SANBI BGIS NFEPA map of the surrounding area indicating the location of freshwater, wetlands and Critical Biodiversity Area (the site is indicated by the pink polygon).

5. VEGETATION AND GROUNDCOVER

5.1 VEGETATION / GROUNDCOVER (PRE-COMMENCEMENT)

Cross out (" \boxtimes ") 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 |
|--|---|--|
| Describe the vegetation type above: | Describe the vegetation type above: | Describe the vegetation type above: Bokkeveld Sandstone Fynbos |
| Provide ecosystem status for above: | Provide ecosystem status for above: | Provide Ecosystem status for above: Vulnerable |
| Indigenous Vegetation in an ecological corridor or along a soil boundary / | Veld dominated by alien species | Distinctive soil conditions (e.g. Sand over shale, quartz patches, limestone, alluvial deposits, |

| interface | | termitaria etc.) – describe |
|------------------------|-----------------------------|-----------------------------|
| Bare soil | Building or other structure | Sport field |
| Other (describe below) | Cultivated land | Paved surface |

The site would historically have been covered by Bokkeveld Sandstone Fynbos (Vulnerable), however, there is no natural vegetation present on the site. The site has been completely transformed due to past activities on the property. See figure 4 below.

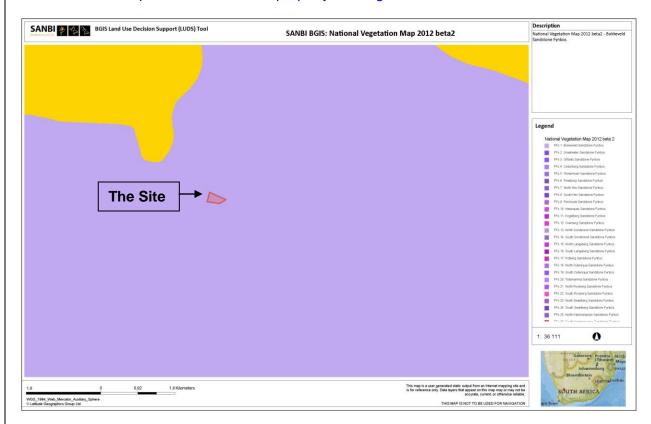


Figure 4: SANBI BGIS: National Vegetation Map 2012 beta2 - The site would historically have been covered by Bokkeveld Sandstone Fynbos (Vulnerable), however, there is no natural vegetation present on the site (site indicated by the pink polygon). The site has been completely transformed due to past activities on the property.



Figure 5: Google Earth image of the site taken in 2013 showing the condition of the property before construction commenced.



Figure 6: Google Earth Street View of the site taken in 2010 showing the condition of the property before construction commenced. Image taken from the R27 Karee River bridge looking north over the site. The existing shed can be seen in the image.

5.2. VEGETATION / GROUNDCOVER (POST-COMMENCEMENT)

Cross out ("\(\sigma\)") 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 |
|---|---|--|
| Describe the vegetation type above: | Describe the vegetation type above: | Describe the vegetation type above: |
| Provide ecosystem status for above: | Provide ecosystem status for above: | Provide Ecosystem status for above: |
| 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 |
| Other (describe below) | Cultivated land | Paved surface |

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. To assist with the identification of the <u>vegetation type</u> and <u>ecosystem status</u> consult http://bgis.sanbi.org or BGIShelp@sanbi.org. Information is also available on compact disc (cd) from the Biodiversity-GIS Unit, Ph (021) 799 8698. This information may be updated from time to time and it is the applicant/ EAP's responsibility to ensure that the latest version is used.



Figure 7: Google Earth image of the site taken in 2016 showing the condition of the property during the construction phase. Two pig pens and some chicken pens have been constructed.

5.3 VEGETATION / GROUNDCOVER MANAGEMENT

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

No mitigation measures were adopted, since the property was already disturbed due to past activities on the site. There was no natural vegetation on the property.

6. LAND USE CHARACTER OF SURROUNDING AREA (PRE-COMMENCEMENT)

Cross out ("\(\sigma\)") the block that reflects the past land uses and/or prominent features that occur/red within +/- 500m radius of the site and neighbouring properties if these are located beyond 500m of the site. **Please see figure 8 below.**



500m Buffer Area

Scale: 1:18 056

Date created: June 8, 2017



Figure 8: A 500m buffer area from the site (red dot), showing the surrounding land uses.

Please note: The Department may request specialist input/studies depending on the nature of the land use character of the area and impact(s) of the activity/ies.

| Untransformed area | Low density residential | Medium density residential | High density residential | Informal residential |
|--------------------|--------------------------|---|-------------------------------------|--------------------------------|
| Retail | Commercial & warehousing | Light industrial | Medium industrial | Heavy industrial |
| Power station | Office/consult ing room | Military or police base/station/co mpound | Casino/ent ertainment complex | Tourism & Hospitality facility |
| Open cast mine | Underground | Spoil heap or | | Dam or |

| | mine | slimes dam | Quarry, sand or | reservoir |
|--|--------------------------------------|--------------------------------|------------------------------------|--------------------------------|
| Hospital/medic | School | Tertiary education facility | Church | Old age home |
| Sewage treatment plant | Train station or shunting yard | Railway line | Major road (4 lanes or more) | Airport |
| Harbour | Sport facilities | Golf course | Polo fields | Filling station |
| Landfill or waste treatment site | Plantation | Agriculture | River, stream or wetland | Nature conservation area |
| Mountain, koppie or ridge | Museum | Historical building | Graveyard | Archaeologic al site |
| Other land uses (describe): | | | | |

7. REGIONAL PLANNING CONTEXT

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

The property is zoned Industrial 2 (see Appendix H1). The applicant would possibly require a consent use. This has to be confirmed with the Hantam municipality.

| Is/was the activity in line with the following? | | | |
|---|-----------|-------------|--------------------|
| Provincial Spatial Development Framework (PSDF) | YES | NO | Please explain |
| The activity is not likely to impact on the area's IDP or PSDF. | | | I |
| Urban edge / Edge of Built environment for the area | YES | NO | Please |
| o orban edge / Edge of Built environment for the area FES | | 110 | explain |
| The site is located inside the urban area of Calvinia. | | | |
| Integrated Development Plan of the Local Municipality | YES | NO | Please |
| o integrated bevelopment rian of the Local wunterpainty | ILO | NO | explain |
| It is unlikely that the activity would have a negative impact on the | Municipa | ality's IDF | P or PSDF. |
| Spatial Development Framework of the Local | YES | NO | Please |
| Municipality | ILO | 110 | explain |
| It is unlikely that the activity would have a negative impa | act on th | ne Muni | cipality's Spatial |

| Development Framework ("SDF"). | | | |
|---|-----|----|---------|
| Approved Structure Plan of the Municipality | YES | NO | Please |
| | | | explain |
| Unknown | I | I | I |
| o Any other Plans | YES | NO | Please |
| | 120 | | explain |
| Unknown | | | |

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.

According to the Hantam Municipality IDP 2015-2016, according to Census 2011, Hantam Municipality has a total population of 21 578. The population of Hantam Municipality is remaining stable with little or no growth. There is also a high percentage (%) of backyard housing dwellings and illegal land occupants within the municipal area due to the non-availability of formal housing or serviced sights.

More than 35% of the households in the municipal area are indigent, which have an impact on own revenue generated by the municipality. The highest number of indigents stays in Calvinia.

Unemployment and poverty affects a large number of people within the municipal area. The unemployment rate for the youth is 15, 3% according to the 2011 census. Of the 7 085 economically active people in the municipal area, 11, 8 % are unemployed.

According to the Hantam Municipality IDP 2015-2016, agriculture forms the backbone of the economy in the municipal area and this sector has the most employment opportunities. Despite the harsh climate and poor carrying capacity of the veld, it still offers opportunities for growth and employment creation. 11% of the GDP contribution in the Hantam Municipality is attributed to Agriculture.

According to the Hantam Municipality IDP 2015-2016, the Hantam area consists largely of non-arable, low potential grazing land and is therefore ideally suited to sheep farming. Other than the flowers in spring and the pristine Karoo desert environment, there has been minor growth in most of the towns. Calvinia forms the heart of one of South Africa's largest wool-producing districts, but the other towns have not developed further than the existing resources could take them. Other recently economic activities include flower, bulbs and rooibos tea industries. Agriculture activities that can therefore take place in the Hantam, include:

- Sheep farming for meat and wool,
- Beneficiation plants of sheep farming (sheep skin and offal),
- Goat farming,
- Game farming.
- Farming of flower bulbs,
- Rooibos tea production,
- Seed potato production,
- Lucerne and wheat production in Calvinia along riverbank.

8.2 SOCIO-ECONOMIC CONTEXT (POST-COMMENCEMENT)

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

• The general socio-economic characteristics as described above are unlikely to have change significantly post commencement.

CULTURAL/HISTORICAL FEATURES

Were there any signs or evidence (unearthed during construction) of culturally or historically significant elements including archaeological **UNCERTAIN** or palaeontological sites, on or in close proximity to the site? It is unlikely that any heritage resources would be found on the site as the site YES. If has been completely transformed due to past activities on the property. explain: If uncertain, the Department may request that specialist input be provided to establish whether there was such possibilities occurred on or close to the site. Briefly explain the findings of the specialist if one was already appointed: Were any buildings or structures older than 60 years be affected in any YES NO way? Was it necessary to apply for a permit in terms of the National Heritage YES NO Resources Act, 1999 (Act 25 of 1999)? 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. Please note that the project will be registered on SAHRIS.

SECTION D: PRELIMINARY IMPACT SSESSMENT

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 append the information on any additional impacts to this application.

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 | YES | NO |
| also known as solid waste) during the construction phase and/or | IES | 110 |
| the operational phase? | <u> </u> | |
| IC 1 | 1 | 1. 1. 1 . |

If yes, briefly describe what type of waste was produced (i.e. green waste, building rubble, etc.) in which phase.

Approximately 10m³ of solid waste were created during the construction phase, mainly building rubble. The animal manure from livestock (i.e. the solid waste emanating from the washing of animal pens and dried in the north-eastern corner of the property) gets turned into fertilisers. An amount of solid/ domestic waste equivalent to two wheely bins (2 x 240L) is/will be created during per week during the operational phase. Animal manure will be generated during the operation phase.

| What quantity was/is produced during the construction period? | 10 | m^3 |
|---|---------------|------------------------|
| What was/is the estimated quantity that will be produced per | Approximately | m^3 |
| month during the operational phase? | 80 | \mathbf{III}_{\odot} |

| 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? | YES | NO |
|---|------------------|-------|
| If yes, briefly describe what type of waste was produced (i.e. infec | ctious waste, me | dical |
| waste, etc.) in which phase. | | |
| | | |
| What quantity was/is produced during the construction period? | | m³ |
| What was/is the estimated quantity that will be produced per month during the operational phase? | | m³ |
| | · | |
| Where and how was /is waste treated / disposed of (describe each was | ste stream)? | |

The animal manure from livestock (i.e. the solid waste emanating from the washing of animal pens and dried in the north-eastern corner of the property) gets turned into fertilisers. A slurry pit is used for separating the solids from the liquid waste on site. The constructed slurry pit/ septic tank for the residual liquid waste emanating from the animal pen washing, will be periodically emptied by the local Municipality.

| capacity exist | icipality or relevant authority confirmed that sufficient st for treating / disposing of the solid waste to be this activity(ies)? If yes, provide written confirmation bality or relevant authority | YES | NO |
|-------------------------------|---|-----|----|
| , | e activity produce solid waste that was/will be treated used of at another facility other than into a municipal? | YES | NO |
| for treating / activity(ies)? | as this facility confirmed that sufficient capacity exist disposing of the solid waste to be generated by this Provide written confirmation from the facility and ollowing particulars of the facility: | YES | NO |
| | facility have an operating license? (If yes, please of the license.) | YES | NO |
| Facility | | | |

name:

Contact

person:

Postal

address:

| | Postal code: |
|------------|--------------|
| Telephone: | Cell: |
| E-mail: | Fax: |

(b) **Effluent**

| | , | | |
|----------|---|-----|----|
| Γ | oid/does the activity produce sewage and or any other effluent? | YES | NO |

Yes. The animal manure from livestock (i.e. the solid waste emanating from the washing of animal pens and dried in the north-eastern corner of the property) gets turned into fertilisers. A slurry pit is used for separating the solids from the liquid waste on site. The constructed slurry pit/ septic tank for the residual liquid waste emanating from the animal pen washing; will be periodically emptied by the local Municipality.

| What was/is the estimated quantity produced per month? | 80 | m³ |
|---|-----|----|
| Was/is the effluent treated and/or disposed of in a municipal system? | YES | NO |

If Yes, did/has the Municipality or relevant authority confirmed that sufficient **unallocated** 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. The applicant indicates that the constructed slurry pit/ septic tank for residual liquid waste emanating from the animal pen washing; will be emptied periodically by the local Municipality. This will be confirmed with the local Municipality. Was/is any effluent produced be treated and/or disposed of on NO Yes site? If yes, briefly describe the nature of the effluent and how it was/will be disposed of: The constructed slurry pit/ septic tank for residual liquid waste emanating from the animal penwashing; will be emptied periodically by the local Municipality. Did/does the activity produce effluent that was/will be treated YES NO and/or disposed of at another facility? If yes, did/has this facility confirmed that sufficient capacity exist(ed) for treating / disposing of the liquid effluent generated by YES NO this activity(ies)? Provide written confirmation from the facility and provide the following particulars of the facility: Does the facility have an operating license? (If yes, please attach a YES NO copy of the license.) Facility name: Contact person: Postal address: Postal code: Telephone: Cell:

Describe the measures that was/will be taken to ensure the optimal reuse or recycling of waste water, if any:

Fax:

The animal manure from livestock (i.e. the solid waste emanating from the washing of animal pens and dried in the north-eastern corner of the property) gets turned into fertilisers.

(c) Emissions into the atmosphere

| Did/does the activity produce emissions that will be disposed of into the atmosphere? | YES | NO |
|---|-----|----|
| If yes, did/does it require approval in terms of relevant legislation? If yes, attach a copy to this application | YES | NO |
| | | |

Describe the emissions in terms of type and concentration and how it was/will be treated/mitigated:

Minimal amounts fugitive emissions will be created by the concentration of livestock (pigs); and will result in some unpleasant odours.

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

Fly traps are used to control flies emanating from the site.

2. WATER USE

E-mail:

(a) Please indicate the source(s) of water for the activity by crossing out ("⊠") the

appropriate box(es)

| Maraioino1 | Water | Croundruston | River, Stream, | Othon | The activity did/does |
|------------|-------|--------------|----------------|------------------|--------------------------|
| Municipal | board | Groundwater | Dam or Lake | Other | not use water |

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:

Approximately 5000 to 10000 liters per day.

Approximately 10 m³

Please provide proof of assurance of water supply eg. letter of confirmation from Municipality/water user associations, yield of borehole etc.

Did/does the activity require a water use permit / license from DWAF? If yes, attach a copy to this application

YES 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:

Municipal water is used for domestic purposes.

3. POWER SUPPLY

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

Electricity is supplied from Eskom's local substation/transformer.

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.

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:

None

4. ENERGY EFFICIENCY

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

No energy efficiency measures were taken to account during construction.

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

None

5. NOISE IMPACTS

(a) Did/does the activity result in any noise impacts?

YES NO

If yes, please describe and indicate the measures implemented to mitigate and manage these impacts?

The noise impact during the construction phase was minimal and operational noise which is negligible is confined to normal working hours.

Please note: The Department may request specialist input/studies depending on the nature of the land use character of the area and potential noise impact(s) of the activity/ies.

6. VISUAL IMPACTS

(a) Did/does the activity result in any visual impacts?

YES NO

If yes, please describe and indicate the measures implemented to mitigate and manage these impacts?

The activity is in close proximity to the nearest public road. The R27 road is situated south of the site (see figure 1). In addition, the nearest residential dwelling is approximately 120m north of the site. No mitigation measures were adopted during the construction phase. However, construction activities were restricted to normal working hours.

(b) Did/does the activity result in potential lighting impacts at night?

YES NO

If yes, please describe and indicate the measures implemented to mitigate and manage these impacts?

The activity is in close proximity to the nearest public road. The R27 road is situated south of the site (see figure 1). In addition, the nearest residential dwelling is approximately 120m north of the site. No mitigation measures were adopted during the construction phase. However, construction activities were restricted to normal working hours.

(c) Were/are there any alternatives available to address this impact?

YES NO

If yes, please describe these alternatives?

Construction and Operational activities will be restricted to normal working hours.

Please note: The Department may request specialist input/studies depending on the nature of the land use character of the area and potential visual impact(s) of the activity/ies.

Odours impacts

The most noticeable impact would be the odours emanating from the animal manure (chicken manure, pig manure, sheep manure, etc.). The dominant wind direction at the site would be north-westerly. The activities on site would potentially result in a low-negative impact in terms of odours.

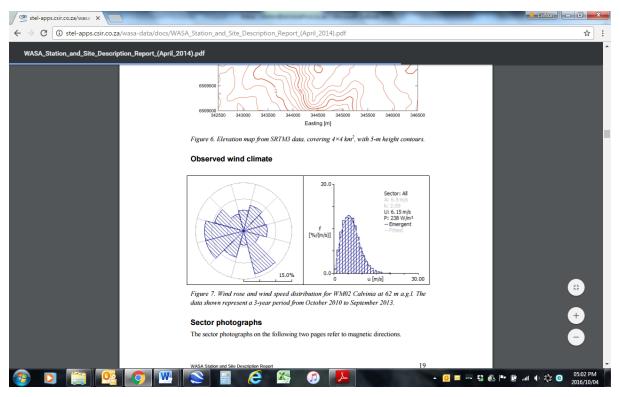


Figure 9: WASA Report – image showing the predominant wind direction at Calvinia. Also see Appendix H4 for more information.

7. SOCIO-ECONOMIC IMPLICATIONS OF THE ACTIVITY

| (a) What was/is the expected capital value of the activity on completion? | R3 000 000 | |
|---|-------------------------|--------------|
| (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? | R3 000 000 | |
| (c) Did/does the activity contribute to service | YES | NO |
| infrastructure? | | |
| (d) How many permanent new employment opportunities | 15 – Although th | |
| were created? | expected to grov | w with time. |
| (e) What was/is the expected current value of the | R500 000 – R800 000 per | |
| employment opportunities to date? | year | |
| (f) What percentage of this accrued to previously | 85% | |
| disadvantaged individuals? | | |

How was (is) this (to be) ensured and monitored (please explain):

Contract of worker or contract. This would be done by checking of payslips, quotes and invoices.

8. PRELIMINARY IMPACT ASSESSMENT

Briefly describe the impacts (as appropriate), significance rating of impacts, mitigation and significance rating of impacts of the activity. 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 after mitigation (Low, Medium, Medium-High, High, Very High): |
|---|---|
| Odour Impacts The most noticeable impact is that if odours emanating from the concentration of livestock on the site, especially the pig manure when combined with chicken and sheep manure. The manure from livestock gets stored and dried at north-eastern corner of the property; and gets turned into fertilisers. The closest residential dwelling is approximately north of the site. | Low negative (before mitigation) Negligible (after mitigation) |
| Effluent run-off into the river Should any of the animal manure gets washed into the Karee River, east of the site; than it could result in a low-medium negative impact without mitigation. Extra caution should be taken in the management of solid waste and effluent liquid waste generated by the washing of the pig pens, chicken pens, and sheep manure. The slurry pit has to be emptied on a regular basis as a mitigation measure; to prevent over floating of liquids into the adjacent watercourse. | Low- negative Without mitigation |
| Impact on property values | Short term – Low negative Long-term – negligible |
| Heritage | Low (negative) |

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.

No Alternative sites have been investigated prior to the submission of this Section 24G rectification application. No alternatives were considered during the unlawful construction of infrastructure for the concentration of livestock on Erf 3000, Calvinia.

The best alternative would have been the No-go alternative. This would imply that no construction activities would have commenced, with no environmental impact.

SECTION F: APPENDICES

The following appendices must be attached where appropriate:

| Appendix | Cross out ("⊠") the box if Appendix is attached |
|--|---|
| Appendix A: Location map | X |
| Appendix B: Site plan(s) | X |
| Appendix C: Owner(s) consent(s) | |
| Appendix D: Photographs | X |
| Appendix E: Permit(s) / 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 | |
| Appendix H: Any Other (describe) | X |

SECTION G: DECLARATIONS

| • | The Independent Environmental Assessment Practitioner |
|----|---|
| | declare under oath that I – |
| | act as the independent environmental assessment practitioner in this application; |
| | 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 Section 24G of the National Environmental Management Act, read together with the relevant Environmental Impact Assessment Regulations; do not have and will not have a vested interest in the proposed activity |
| | proceeding; |
| | have no, and will not engage in, conflicting interests in the undertaking of the activity; |
| | 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 Section 24G of the National Environmental Management Act, read together with the Environmental Impact Assessment Regulations, 2006; |
| | will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and 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 to support the application; |
| | 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; |
| | will keep a register of all interested and affected parties that participated in a public participation process; and |
| | 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. |
| ίę | gnature of EAP |
| | |

Official stamp (below)

Date

Designation

| G2 | : Declarations of the Applicant |
|-----|---|
| 2. | The Applicant |
| I, | ,declare under oath that I - |
| | am the applicant in this application; 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; |
| | 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 section 24G(2) of the Act and that a decision in this regard will only be forthcoming after payment of such a fine; |
| 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; and |
| | |
| Sig | gnature of Applicant |
| Na | me of company |

| Signature of Applicant | | | |
|------------------------|---|--|--|
| Name of company | | | |
| Date | - | | |
| Designation | _ | | |
| Commissioner of Oaths | | | |
| Signature | | | |
| Date | | | |
| Designation | | | |

Official stamp(below)