



BASIC ASSESSMENT REPORT

Project applicant:	CORNAM PROPERTY DEVELOPMENT CC		
Business reg. no./ID. no.:	2009/076274/23		
Contact person:	Mr H. E. Saaiman		
Postal address:	P. O. Box 84, Springbok, 8240		
Telephone:	(027) 712 9990	Cell:	082 608 2211
E-mail:	0834797084@mtnloaded.co.za	Fax:	086 535 8116

Prepared by:

Environmental Assessment Practitioner/Firm:	<i>ENVIRO LOGIC</i>		
Business reg. no./ID. no.:	480903 5015 080		
Contact person:	Gert Pretorius		
Postal address:	P. O. Box 3731, Tyger Valley, 7536		
Telephone:	(021) 919 4048	Cell:	082 458 9844
E-mail:	gpec12@telkomsa.net	Fax:	(021) 919 4048

(For official use only)

File Reference Number:

Application Number:

Date Received:

BASIC ASSESSMENT REPORT

Basic Assessment Report in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended, and the Environmental Impact Assessment Regulations, 2010.

Kindly note that:

1. This **basic assessment report** is a standard report that may be required by a competent authority in terms of the EIA Regulations, 2010 and is meant to streamline applications. Please make sure that it is the report used by the particular competent authority for the activity that is being applied for.
2. The report must be typed within the spaces provided in the form. The size of the spaces provided are not necessarily indicative of the amount of information to be provided. The report is in the form of a table that can extend itself as each space is filled with typing.
3. Where applicable **tick** the boxes that are applicable or **black out** the boxes that are not applicable in the report.
4. An incomplete report may be returned to the applicant for revision.
5. The use of "not applicable" in the report must be done with circumspection because if it is used in respect of material information that is required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the regulations.
6. This report must be handed in at offices of the relevant competent authority as determined by each authority.
7. No faxed or e-mailed reports will be accepted.
8. The report must be compiled by an independent environmental assessment practitioner.
9. Unless protected by law, all information in the report will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this report on request, during any stage of the application process.
10. A competent authority may require that for specified types of activities in defined situations only parts of this report need to be completed.

SECTION A: ACTIVITY INFORMATION

Has a specialist been consulted to assist with the completion of this section?

YES	NO X
-----	-------------

If YES, please complete form XX for each specialist thus appointed:
Any specialist reports must be contained in Appendix D.

1. ACTIVITY DESCRIPTION

Describe the activity, which is being applied for, in detail:

Development and construction of dwellings and associated infrastructure on Erven 4995, 4997, 5007 and 5009.

Potable water will be supplied by the Nama Khoi Municipality.

The network will consist of an underground HDPE class 12 pipeline (diameter 110 mm) with a connection to every erf. Network will be linked up with the existing water supply network west of existing Erf 2581.

Sewerage: Sewerage will be handled by the Nama Khoi Municipality.

The construction of a conventional waterborne sewage system. The sewer system will be an underground system comprising of a minimum of 150mm diameter fibre cement Reka Class 4 sewer pipe with manholes at intersecting points. Sewer lines will be in road reserves and will be linked up with the existing sewer system north of existing Erf 2577.

Stormwater Storm water flow from roadways, driveways etc. will be collected in channels (kerbing) alongside roadways and discharged into seasonal stream located east of site. Porous surfaces that facilitate the infiltration of storm water runoff should be utilised as far as possible within the development.

Solid waste: Solid waste will be handled by the Nama Khoi Municipality.

Electricity: Electricity will be supplied by the Nama Khoi Municipality. The construction of an underground electricity supply network.

Telkom lines will be distributed underground inside the development.

Access to the erven will be obtained from Liberty Street.

2. FEASIBLE AND REASONABLE ALTERNATIVES

“alternatives”, in relation to a proposed activity, means different means of meeting the general purpose and requirements of the activity, which may include alternatives to—

- (a) the property on which or location where it is proposed to undertake the activity;
- (b) the type of activity to be undertaken;
- (c) the design or layout of the activity;
- (d) the technology to be used in the activity;
- (e) the operational aspects of the activity; and
- (f) the option of not implementing the activity.

Describe alternatives that are considered in this application. Alternatives should include a consideration of all possible means by which the purpose and need of the proposed activity could be accomplished in the specific instance taking account of the interest of the applicant in the activity. The no-go alternative must in all cases be included in the assessment phase as the baseline against which the impacts of the other alternatives are assessed. The determination of whether site or activity (including different processes etc.) or both is appropriate needs to be informed by the specific circumstances of the activity and its environment. After receipt of this report the competent authority may also request the

BASIC ASSESSMENT REPORT

applicant to assess additional alternatives that could possibly accomplish the purpose and need of the proposed activity if it is clear that realistic alternatives have not been considered to a reasonable extent.

As the four erven forms part of a larger development no other alternative sites or layouts have been considered.

Paragraphs 3 – 13 below should be completed for each alternative.

3. ACTIVITY POSITION

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 and decimal minutes. The minutes should have 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.

List alternative sites if applicable.

	Latitude (S):		Longitude (E):
Alternative: Alternative S1 ¹ (preferred or only site alternative)	29°	39,0837'	17°
Alternative S2 (if any)	°	'	°
Alternative S3 (if any)	°	'	°

In the case of linear activities:

	Latitude (S):		Longitude (E):
Alternative: Alternative S1 (preferred or only route alternative)	°	'	°
• Starting point of the activity	°	'	°
• Middle point of the activity	°	'	°
• End point of the activity	°	'	°
Alternative S2 (if any)	°	'	°
• Starting point of the activity	°	'	°
• Middle point of the activity	°	'	°
• End point of the activity	°	'	°
Alternative S3 (if any)	°	'	°
• Starting point of the activity	°	'	°
• Middle point of the activity	°	'	°
• End point of the activity	°	'	°

For route alternatives that are longer than 500m, please provide an addendum with co-ordinates taken every 250 meters along the route for each alternative alignment.

4. PHYSICAL SIZE OF THE ACTIVITY

Indicate the physical size of the preferred activity/technology as well as alternative activities/technologies (footprints):

Alternative:	Size of the activity:
Alternative A1 ² (preferred activity alternative)	3097,40m ²
Alternative A2 (if any)	m ²
Alternative A3 (if any)	m ²
or, for linear activities:	
Alternative:	Length of the activity:
Alternative A1 (preferred activity alternative)	m
Alternative A2 (if any)	m
Alternative A3 (if any)	m

¹ "Alternative S.." refer to site alternatives.

² "Alternative A.." refer to activity, process, technology or other alternatives.

BASIC ASSESSMENT REPORT

Indicate the size of the alternative sites or servitudes (within which the above footprints will occur):

Alternative:

Size of the site/servitude:

Alternative A1 (preferred activity alternative)

3097,40m ²

Alternative A2 (if any)

m ²

Alternative A3 (if any)

m ²

5. SITE ACCESS

Does ready access to the site exist?

YES X	NO
-------	----

If NO, what is the distance over which a new access road will be built

m

Describe the type of access road planned:

Access to the erven will be obtained from Liberty Street.

Include the position of the access road on the site plan and required map, as well as an indication of the road in relation to the site.

6. SITE OR ROUTE PLAN

A detailed site or route plan(s) must be prepared for each alternative site or alternative activity. It must be attached as **Appendix A** to this document.

The site or route plans must indicate the following:

- 6.1 the scale of the plan which must be at least a scale of 1:500;
- 6.2 the property boundaries and numbers of all the properties within 50 metres of the site;
- 6.3 the current land use as well as the land use zoning of each of the properties adjoining the site or sites;
- 6.4 the exact position of each element of the application as well as any other structures on the site;
- 6.5 the position of services, including electricity supply cables (indicate above or underground), water supply pipelines, boreholes, street lights, sewage pipelines, storm water infrastructure and telecommunication infrastructure;
- 6.6 all trees and shrubs taller than 1.8 metres;
- 6.7 walls and fencing including details of the height and construction material;
- 6.8 servitudes indicating the purpose of the servitude;
- 6.9 sensitive environmental elements within 100 metres of the site or sites including (but not limited thereto):
 - rivers;
 - the 1:100 year flood line (where available or where it is required by DWA);
 - ridges;
 - cultural and historical features;
 - areas with indigenous vegetation (even if it is degraded or invested with alien species);
- 6.9 for gentle slopes the 1 metre contour intervals must be indicated on the plan and whenever the slope of the site exceeds 1:10, the 500mm contours must be indicated on the plan; and
- 6.10 the positions from where photographs of the site were taken.

7. SITE PHOTOGRAPHS

Colour photographs from the centre of the site must be taken in at least the eight major compass directions with a description of each photograph. Photographs must be attached under **Appendix B** to this form. It must be supplemented with additional photographs of relevant features on the site, if applicable.

BASIC ASSESSMENT REPORT

8. FACILITY ILLUSTRATION

A detailed illustration of the activity must be provided at a scale of 1:200 as **Appendix C** for activities that include structures. The illustrations must be to scale and must represent a realistic image of the planned activity. The illustration must give a representative view of the activity.

9. ACTIVITY MOTIVATION

9(a) Socio-economic value of the activity

What is the expected capital value of the activity on completion?	R 1,5 mil.	
What is the expected yearly income that will be generated by or as a result of the activity? Municipal fees.	R 50 000	
Will the activity contribute to service infrastructure?	YES X	NO
Is the activity a public amenity?	YES	NO X
How many new employment opportunities will be created in the development phase of the activity?	± 12	
What is the expected value of the employment opportunities during the development phase?	R 200 000	
What percentage of this will accrue to previously disadvantaged individuals?	100%	
How many permanent new employment opportunities will be created during the operational phase of the activity?	± 4	
What is the expected current value of the employment opportunities during the first 10 years?	R 960 000	
What percentage of this will accrue to previously disadvantaged individuals?	100%	

9(b) Need and desirability of the activity

Motivate and explain the need and desirability of the activity (including demand for the activity):

The proposed development is located inside the approved urban edge for Springbok and is desirable in terms of the provision of cost effective land use. The proposed development will insure that the existing services, as well as the nearby infrastructure/ commercial establishments are optimal utilized.

Indicate any benefits that the activity will have for society in general:

The proposal would respond to the demand for residential erven in the Springbok area.

Indicate any benefits that the activity will have for the local communities where the activity will be located:

The proposal would respond to the demand for residential erven in the Bergsig area. It would increase the population in the area to the benefit of commercial and retail establishments in the area. Local communities will benefit from jobs, which will be created by the proposed residential development (during the construction and operational phases).

DESIRABILITY:			
1.	Does the proposed land use / development fit the surrounding area?	YES X	NO
2.	Does the proposed land use / development conform to the relevant structure plans, SDF and planning visions for the area?	YES X	NO
3.	Will the benefits of the proposed land use / development outweigh the negative impacts of it?	YES X	NO
4.	If the answer to any of the questions 1-3 was NO, please provide further motivation / explanation:		
5.	Will the proposed land use / development impact on the sense of place?	YES	NO X
6.	Will the proposed land use / development set a precedent?	YES	NO X
7.	Will any person's rights be affected by the proposed land use / development?	YES	NO X
8.	Will the proposed land use / development compromise the "urban edge"?	YES	NO X
9.	If the answer to any of the question 5-8 was YES, please provide further motivation / explanation.		

BASIC ASSESSMENT REPORT

BENEFITS:			
1.	Will the land use / development have any benefits for society in general?	YES <input checked="" type="checkbox"/>	NO
2.	Explain: The proposal would respond to the demand for residential erven in the Springbok area and is desirable in terms of the provision of cost effective land use.		
3.	Will the land use / development have any benefits for the local communities where it will be located?	YES <input checked="" type="checkbox"/>	NO
4.	Explain: The proposal would respond to the demand for residential erven in the Springbok/ Bergsig area		

10. APPLICABLE LEGISLATION, POLICIES AND/OR GUIDELINES

List all legislation, policies and/or guidelines of any sphere of government that are applicable to the application as contemplated in the EIA regulations, if applicable:

Title of legislation, policy or guideline:	Administering authority:	Date:
National Environmental Management Act, 1998 Act No. 107 of 1998).	D: E&NC	Environmental Authorisation to be obtained.
National Heritage Resources Act No. 25 of 1999	SAHRA, Cape Town	Approval to be obtained.
National Water Act, 1998 (Act No. 36 of 1998),	D: WA, Upington	Approval to be obtained.
Nama Khoi IDP	Nama Khoi Municipality	2012 - 2017
Guideline on Alternatives	D: E&NC	March 2013
Guideline on Public Participation	D: E&NC	March 2013
Guideline on Need and Desirability	D: E&NC	March 2013
Guideline on Involving Specialists in the EIA processes	D: E&NC	2005
Guideline for Environmental Management Plans	D: E&NC	2005

11. WASTE, EFFLUENT, EMISSION AND NOISE MANAGEMENT

11(a) Solid waste management

Will the activity produce solid construction waste during the construction/initiation phase?

YES <input checked="" type="checkbox"/>	NO
---	----

If yes, what estimated quantity will be produced per month?

6 m ³

How will the construction solid waste be disposed of (describe)?

Will be collected by the contractor and disposed of at the local municipal waste site.

Where will the construction solid waste be disposed of (describe)?

At the local municipal waste site.

Will the activity produce solid waste during its operational phase?

YES <input checked="" type="checkbox"/>	NO
---	----

If yes, what estimated quantity will be produced per month?

± 1 m ³ per Erf

How will the solid waste be disposed of (describe)?

To be collected by the municipality. Feed into the municipal waste stream.

Where will the solid waste be disposed if it does not feed into a municipal waste stream (describe)?

N/A

If the solid waste (construction or operational phases) will not be disposed of in a registered landfill site or be taken up in a municipal waste stream, then the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

Can any part of the solid waste be classified as hazardous in terms of the relevant legislation?

YES	NO <input checked="" type="checkbox"/>
-----	--

If yes, inform the competent authority and request a change to an application for scoping and EIA.

Is the activity that is being applied for a solid waste handling or treatment

YES	NO <input checked="" type="checkbox"/>
-----	--

BASIC ASSESSMENT REPORT

facility?

--	--

If yes, then the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

11(b) Liquid effluent

Will the activity produce effluent, other than normal sewage, that will be disposed of in a municipal sewage system?

YES	NO X
-----	-------------

If yes, what estimated quantity will be produced per month?

m ³

Will the activity produce any effluent that will be treated and/or disposed of on site?

Yes	NO X
-----	-------------

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

Will the activity produce effluent that will be treated and/or disposed of at another facility?

YES	NO X
-----	-------------

If yes, provide the particulars of the facility:

Facility name:			
Contact person:			
Postal address:			
Postal code:			
Telephone:		Cell:	
E-mail:		Fax:	

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

None

11(c) Emissions into the atmosphere

Will the activity release emissions into the atmosphere?

YES	NO X
YES	NO

If yes, is it controlled by any legislation of any sphere of government?

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

If no, describe the emissions in terms of type and concentration:

N/A

11(d) Generation of noise

Will the activity generate noise?

YES	NO X
YES	NO

If yes, is it controlled by any legislation of any sphere of government?

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

If no, describe the noise in terms of type and level:

The proposed development may result in potential noise impacts during the construction phase of the development. However since construction work will take place during normal working hours the significance of the potential noise impacts is deemed to be low.

12. WATER USE

Please indicate the source(s) of water that will be used for the activity by ticking the appropriate box (es)

Municipal	water board	groundwater	river, stream, dam or lake	other	the activity will not use water
X					

If water is to be extracted from groundwater, river, stream, dam, lake or any other natural feature, please indicate

the volume that will be extracted per month:

litres

Does the activity require a water use permit from the Department of Water Affairs?

YES	NO X
-----	-------------

BASIC ASSESSMENT REPORT

If yes, please submit the necessary application to the Department of Water Affairs and attach proof thereof to this application if it has been submitted.

13. ENERGY EFFICIENCY

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

None

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

None

SECTION B: SITE/AREA/PROPERTY DESCRIPTION

Important notes:

- For linear activities (pipelines, etc) as well as activities that cover very large sites, it may be necessary to complete 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. A):

- Paragraphs 1 - 6 below must be completed for each alternative.

- Has a specialist been consulted to assist with the completion of this section?

YES	NO X
-----	-------------

If YES, please complete form XX for each specialist thus appointed:

All specialist reports must be contained in **Appendix D**.

1. GRADIENT OF THE SITE

Indicate the general gradient of the site.

Alternative S1:

Flat	1:50	–	1:20	–	1:15 – 1:10	1:10	–	1:7,5 – 1:5	Steeper than
	1:20		1:15 X			1:7,5			1:5

Alternative S2 (if any):

Flat	1:50	–	1:20	–	1:15 – 1:10	1:10	–	1:7,5 – 1:5	Steeper than
	1:20		1:15			1:7,5			1:5

Alternative S3 (if any):

Flat	1:50	–	1:20	–	1:15 – 1:10	1:10	–	1:7,5 – 1:5	Steeper than
	1:20		1:15			1:7,5			1:5

2. LOCATION IN LANDSCAPE

Indicate the landform(s) that best describes the site:

- 2.1 Ridgeline
- 2.2 Plateau
- 2.3 Side slope of hill/mountain X**
- 2.4 Closed valley
- 2.5 Open valley
- 2.6 Plain
- 2.7 Undulating plain / low hills

BASIC ASSESSMENT REPORT

- 2.8 Dune
2.9 Seafront

3. GROUNDWATER, SOIL AND GEOLOGICAL STABILITY OF THE SITE

Is the site(s) located on any of the following (tick the appropriate boxes)?

	Alternative S1:		Alternative S2 (if any):		Alternative S3 (if any):	
Shallow water table (less than 1.5m deep)	YES	NO X	YES	NO	YES	NO
Dolomite, sinkhole or doline areas	YES	NO X	YES	NO	YES	NO
Seasonally wet soils (often close to water bodies)	YES	NO X	YES	NO	YES	NO
Unstable rocky slopes or steep slopes with loose soil	YES	NO X	YES	NO	YES	NO
Dispersive soils (soils that dissolve in water)	YES	NO X	YES	NO	YES	NO
Soils with high clay content (clay fraction more than 40%)	YES	NO X	YES	NO	YES	NO
Any other unstable soil or geological feature	YES	NO X	YES	NO	YES	NO
An area sensitive to erosion	YES	NO X	YES	NO	YES	NO

If you are unsure about any of the above or if you are concerned that any of the above aspects may be an issue of concern in the application, an appropriate specialist should be appointed to assist in the completion of this section. (Information in respect of the above will often be available as part of the project information or at the planning sections of local authorities. Where it exists, the 1:50 000 scale Regional Geotechnical Maps prepared by the Council for Geo Science may also be consulted

4. GROUNDCOVER

Indicate the types of groundcover present on the site:

- 4.1 Natural veld – good condition^E
4.2 Natural veld – scattered aliens^E X
 4.3 Natural veld with heavy alien infestation^E
 4.4 Veld dominated by alien species^E
 4.5 Gardens
 4.6 Sport field
 4.7 Cultivated land
 4.8 Paved surface
 4.9 Building or other structure
4.10 Bare soil

The location of all identified rare or endangered species or other elements should be accurately indicated on the site plan(s).

Natural veld - good condition ^E	Natural veld with scattered aliens ^E X	Natural veld with heavy alien infestation ^E	Veld dominated by alien species ^E	Gardens
Sport field	Cultivated land	Paved surface	Building or other structure	Bare soil X

If any of the boxes marked with an "E" is ticked, please consult an appropriate specialist to assist in the completion of this section if the environmental assessment practitioner doesn't have the necessary expertise.

According to Mucina, L & Rutterford, M.C. (eds) 2006 ("The Vegetation of South Africa, Lesotho and Swaziland", Strelitzia 19) the vegetation of the area is classified as "Namaqualand Klipkoppe Shrubland" and the conservation status as "Least Threatened". The groundcover consists out of a few scattered low shrubs in the south and bare soil. Annual plants and grasses occur in some open areas. No rare or endangered plant species occurs on the site. No threatened animals or animal habitats occur on the site.

The impact of the proposed activity on the vegetation will be negligible.

5. LAND USE CHARACTER OF SURROUNDING AREA

Indicate land uses and/or prominent features that does currently occur within a 500m radius of the site and give description of how this influences the application or may be impacted upon by the application:

5.1 Natural area X

5.2 Low density residential

5.3 Medium density residential X

5.4 High density residential

5.5 Informal residential^A

5.6 Retail commercial & warehousing

5.7 Light industrial

5.8 Medium industrial^{AN}

5.9 Heavy industrial^{AN}

5.10 Power station

5.11 Office/consulting room

5.12 Military or police base/station/compound

5.13 Spoil heap or slimes dam^A

5.14 Quarry, sand or borrow pit

5.15 Dam or reservoir

5.16 Hospital/medical centre

5.17 School

5.18 Tertiary education facility

5.19 Church

5.20 Old age home X

5.21 Sewage treatment plant^A

5.22 Train station or shunting yard^N

5.23 Railway line^N

5.24 Major road (4 lanes or more)^N

5.25 Airport^N

5.26 Harbour

5.27 Sport facilities

5.28 Golf course

5.29 Polo fields

5.30 Filling station^H

5.31 Landfill or waste treatment site

5.32 Plantation

5.33 Agriculture

5.34 River, stream or wetland X

5.35 Nature conservation area

5.36 Mountain, koppie or ridge

5.37 Museum

5.38 Historical building

5.39 Protected Area

BASIC ASSESSMENT REPORT

5.40 Graveyard

5.41 Archaeological site

5.42 Other land uses (describe) – Guest House X

If any of the boxes marked with an "N" are ticked, how this impact will / be impacted upon by the proposed activity.

If YES, specify and explain:	
------------------------------	--

If any of the boxes marked with an "An" are ticked, how will this impact / be impacted upon by the proposed activity.

If YES, specify and explain:	
------------------------------	--

If any of the boxes marked with an "H" are ticked, how will this impact / be impacted upon by the proposed activity.

If YES, specify and explain:	
------------------------------	--

6. CULTURAL/HISTORICAL FEATURES

Are there any signs of culturally or historically significant elements, as defined in section 2 of the National Heritage Resources Act, 1999, (Act No. 25 of 1999), including Archaeological or paleontological sites, on or close (within 20m) to the site?	YES	NO X
If YES, explain:	Uncertain	
If uncertain, conduct a specialist investigation by a recognised specialist in the field to establish whether there is such a feature(s) present on or close to the site.		
Briefly explain the findings of the specialist:		
Will any building or structure older than 60 years be affected in any way?	YES	NO X
Is it necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999)?	YES	NO X
If yes, please submit or, make sure that the applicant or a specialist submits the necessary application to SAHRA or the relevant provincial heritage agency and attach proof thereof to this application if such application has been made.		

SECTION C: PUBLIC PARTICIPATION

1. ADVERTISEMENT

The person conducting a public participation process must take into account any guidelines applicable to public participation as contemplated in section 24J of the Act and must give notice to all potential interested and affected parties of the application which is subjected to public participation by—

- (a) fixing a notice board (of a size at least 60cm by 42cm; and must display the required information in lettering and in a format as may be determined by the competent authority) at a place conspicuous to the public at the boundary or on the fence of—

BASIC ASSESSMENT REPORT

- (i) the site where the activity to which the application relates is or is to be undertaken; and
- (ii) any alternative site mentioned in the application;
- (b) giving written notice to—
 - (i) the owner or person in control of that land if the applicant is not the owner or person in control of the land;
 - (ii) the occupiers of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;
 - (iii) owners and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;
 - (iv) the municipal councillor of the ward in which the site or alternative site is situated and any organisation of ratepayers that represent the community in the area;
 - (v) the municipality which has jurisdiction in the area;
 - (vi) any organ of state having jurisdiction in respect of any aspect of the activity; and
 - (vii) any other party as required by the competent authority;
- (c) placing an advertisement in—
 - (i) one local newspaper; or
 - (ii) any official *Gazette* that is published specifically for the purpose of providing public notice of applications or other submissions made in terms of these Regulations;
- (d) placing an advertisement in at least one provincial newspaper or national newspaper, if the activity has or may have an impact that extends beyond the boundaries of the metropolitan or local municipality in which it is or will be undertaken: Provided that this paragraph need not be complied with if an advertisement has been placed in an official *Gazette* referred to in subregulation 54(c)(ii); and
- (e) using reasonable alternative methods, as agreed to by the competent authority, in those instances where a person is desiring of but unable to participate in the process due to—
 - (i) illiteracy;
 - (ii) disability; or
 - (iii) any other disadvantage.

2. CONTENT OF ADVERTISEMENTS AND NOTICES

A notice board, advertisement or notices must:

- (a) indicate the details of the application which is subjected to public participation; and
- (b) state—
 - (i) that the application has been submitted to the competent authority in terms of these Regulations, as the case may be;
 - (ii) whether basic assessment or scoping procedures are being applied to the application, in the case of an application for environmental authorisation;
 - (iii) the nature and location of the activity to which the application relates;
 - (iv) where further information on the application or activity can be obtained; and
 - (iv) the manner in which and the person to whom representations in respect of the application may be made.

3. PLACEMENT OF ADVERTISEMENTS AND NOTICES

Where the proposed activity may have impacts that extend beyond the municipal area where it is located, a notice must be placed in at least one provincial newspaper or national newspaper, indicating that an application will be submitted to the competent authority in terms of these regulations, the nature and location of the activity, where further information on the proposed activity can be obtained and the manner in which representations in respect of the application can be made, unless a notice has been placed in any *Gazette* that is published

BASIC ASSESSMENT REPORT

specifically for the purpose of providing notice to the public of applications made in terms of the EIA regulations.

Advertisements and notices must make provision for all alternatives.

4. DETERMINATION OF APPROPRIATE MEASURES

The practitioner must ensure that the public participation is adequate and must determine whether a public meeting or any other additional measure is appropriate or not based on the particular nature of each case. Special attention should be given to the involvement of local community structures such as Ward Committees, ratepayers associations and traditional authorities where appropriate. Please note that public concerns that emerge at a later stage that should have been addressed may cause the competent authority to withdraw any authorisation it may have issued if it becomes apparent that the public participation process was inadequate.

5. COMMENTS AND RESPONSE REPORT

The practitioner must record all comments and respond to each comment of the public before the application is submitted. The comments and responses must be captured in a comments and response report as prescribed in the EIA regulations and be attached to this application. The comments and response report must be attached under **Appendix E**.

6. AUTHORITY PARTICIPATION

Authorities are key interested and affected parties in each application and no decision on any application will be made before the relevant local authority is provided with the opportunity to give input. The planning and the environmental sections of the local authority must be informed of the application at least 30 (thirty) calendar days before the submission of the application.

List of authorities informed:

Namakwa District Municipality, Springbok Nama Khoi Local Municipality, Springbok Department of Water Affairs, Upington SAHRA, Cape Town Heritage Northern Cape, Kimberley

List of authorities from whom comments have been received:

D: WA Registered as I&AP

7. CONSULTATION WITH OTHER STAKEHOLDERS

Note that, for linear activities, or where deviation from the public participation requirements may be appropriate, the person conducting the public participation process may deviate from the requirements of that sub regulation to the extent and in the manner as may be agreed to by the competent authority.

Any stakeholder that has a direct interest in the site or property, such as servitude holders and service providers, should be informed of the application at least 30 (thirty) calendar days before the submission of the application and be provided with the opportunity to comment.

Has any comment been received from stakeholders?

YES X	NO
-------	----

If "YES", briefly describe the feedback below (also attach copies of any correspondence to and from the stakeholders to this application):

D: WA register as I&AP

SECTION D: IMPACT ASSESSMENT

The assessment of impacts must adhere to the minimum requirements in the EIA Regulations, 2010, and should take applicable official guidelines into account. The issues raised by interested and affected parties should also be addressed in the assessment of impacts.

1. ISSUES RAISED BY INTERESTED AND AFFECTED PARTIES

List the main issues raised by interested and affected parties.

None

Response from the practitioner to the issues raised by the interested and affected parties (A full response must be given in the Comments and Response Report that must be attached to this report):

None

2. IMPACTS THAT MAY RESULT FROM THE PLANNING AND DESIGN, CONSTRUCTION, OPERATIONAL, DECOMMISSIONING AND CLOSURE PHASES AS WELL AS PROPOSED MANAGEMENT OF IDENTIFIED IMPACTS AND PROPOSED MITIGATION MEASURES

List the potential direct, indirect and cumulative property/activity/design/technology/operational alternative related impacts (as appropriate) that are likely to occur as a result of the planning and design phase, construction phase, operational phase, decommissioning and closure phase, including impacts relating to the choice of site/activity/technology alternatives as well as the mitigation measures that may eliminate or reduce the potential impacts listed.

Alternative A (preferred alternative)

<p>Direct impacts: Clearing of vegetation, moving of soil and temporary disturbance of fauna if any. Waste from the construction activities may arise from excavated material (e.g. rock, sand etc.) in addition to waste from construction materials and workers.</p>

<p>Mitigation measure will involve the replacement of topsoil on the disturbed areas. Relocation of fauna to adjacent natural areas (e.g. tortoises, snakes, etc.). Waste to be collected by the contractor and disposed of at the local waste site.</p>
--

<p>Indirect impacts: The proposal would respond to the demand for residential erven in the Bergsig area</p>
--

<p>Cumulative impacts: A small increase in demand for water supply, electricity supply, sewage disposal and solid waste disposal services is a potential cumulative impact applicable to Alternative A but not to the “No-Go” alternative.</p>

<p>Decommissioning: None</p>

“No-Go” Alternative

<p>Should the development not be approved and the no development alternative be implemented the site/ four erven is likely to remain undeveloped. It is likely to involve more illegal dumping. Vacant land in this position would not contribute to the optimal utilization of existing infrastructure/ services.</p>
--

3. ENVIRONMENTAL IMPACT STATEMENT

Taking the assessment of potential impacts into account, please provide an environmental impact statement that summarises the impact that the proposed activity and its alternatives may have on the environment after the management and mitigation of impacts have been

BASIC ASSESSMENT REPORT

taken into account, with specific reference to types of impact, duration of impacts, likelihood of potential impacts actually occurring and the significance of impacts.

The overall environmental impact of the proposed activity during the construction and operational phase will be insignificant.

Alternative A (preferred alternative)

Construction Phase: Impacts will be minimal, of a short duration and of low significance.

Operational Phase: Impacts will be minimal, long term and of low significance.

No-go alternative (compulsory)

Should the development not be approved and the no development alternative be implemented the site/ four erven is likely to remain undeveloped. It is likely to involve more illegal dumping.

SECTION E. RECOMMENDATION OF PRACTITIONER

Is the information contained in this report and the documentation attached hereto sufficient to make a decision in respect of the activity applied for (in the view of the environmental assessment practitioner)?

YES X	NO
YES X	NO

Is an EMP attached?

The EMP must be attached as **Appendix F**.

If "NO", indicate the aspects that should be assessed further as part of a Scoping and EIA process before a decision can be made (list the aspects that require further assessment):

If "YES", please list any recommended conditions, including mitigation measures that should be considered for inclusion in any authorisation that may be granted by the competent authority in respect of the application:

See EMP: Appendix F and Recommended conditions and mitigation measures: Appendix G

SECTION F: APPENDIXES

The following appendixes must be attached as appropriate:

Appendix A: Site Plans

Appendix A.1: Location Map

Appendix A.2: Proposed Site Layout

Appendix A.3: Google image: Proposed Site Layout

Appendix B: Photographs

Appendix C: Facility Illustration: N/A

Appendix D: Specialist Reports N/A

Appendix E: Public Participation

Appendix E.1: Advertisements

Appendix E.2: Notices Displayed

Appendix E.3: Background Information Document (BID)

Appendix E.4: Registered letters (BID)

Appendix E.5: Cover letters BID and acknowledgement

Appendix E.6: Registered I&APs

Appendix E.7: Comment and Response Report

Appendix E.8: Written Comments Received

Appendix F: Environmental Management Programme (EMP)

Appendix G: Recommended conditions and mitigation measures

Appendix H: NEMA Principles