



## environmental affairs

31 MAY 2011

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

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Tel (+ 27 12) 310 3911 · Fax (+ 2712) 322 2682

**Reference:** 12/12/20/2272

**Enquiries:** Nyiko Ngoveni

**Tel:** 012 395 1694 **Fax:** 012 320 7539 **E-mail:** nngoveni@environment.gov.za

Mr Jonathan Crowther  
CCA Environmental (Pty) Ltd  
PO Box 10145  
**CALEDON SQUARE**  
7905

**Fax:** 021 461 1120

**PER FACSIMILE / MAIL**

Dear Mr Crowther

**APPLICATION FOR ENVIRONMENTAL AUTHORISATION: PROPOSED STRENGTHENING (PARTIAL RECONSTRUCTION) OF A NATIONAL ROUTE 27 SECTION 7 & 8 BETWEEN WESTERN/NORTHERN CAPE BORDER (KM 40.0) AND CALVINIA (KM 70.0) - CONTRACT R.027-080-2011/1D**

The Department confirms having received the Application Form and Declaration of Interest submitted by you on 3 May 2011 for environmental authorisation for the abovementioned project. You have submitted these documents to comply with the Environmental Impact Assessment Regulations, 2010.

The Application is accepted. You are hereby reminded that the activity may not commence prior to an environmental authorisation being granted by the Department.

Yours sincerely

Ms Sibusisiwe Hlela  
Acting Chief Director: Environmental Impact Management  
Department of Environmental Affairs  
Letter signed by: Ms Hilda Bezuidenhout  
Designation: Assistant Director: Environmental Impact Evaluation  
Date: 16/05/2011

AUR02/Let 20Apr11

20 April 2011

Director: Environmental Impact Evaluation  
Department of Environmental Affairs  
Private Bag X447  
PRETORIA  
0001

Dear Sir / Madam

**PROPOSED STRENGTHENING (PARTIAL RECONSTRUCTION) OF NATIONAL ROUTE 27 SECTION 7 & 8 BETWEEN WESTERN/NORTHERN CAPE BORDER (KM 40.0) AND CALVINIA (KM 70.0): SUBMISSION OF APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION**

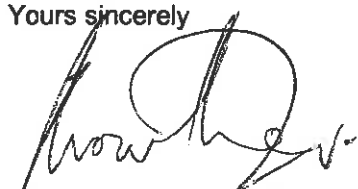
Please be advised that the South African National Roads Agency Limited (SANRAL) is proposing to undertake the above-mentioned project.

A Basic Assessment is required as the proposed project triggers a number of listed activities in terms of Government Notice No. R544 and R546 promulgated in terms of the National Environmental Management Act (No. 107 of 1998).

Please find enclosed two copies of the "Application for EIA Environmental Authorisation" form for the above-mentioned project.

Please do not hesitate to contact our Ena de Villiers or the undersigned if you have any queries in this regard. We look forward to receiving your response and a file number for this application.

Yours sincerely



Jonathan Crowther Pr.Sci.Nat., CEAPSA  
CCA ENVIRONMENTAL (PTY) LTD

c.c. Mr J Mutyorauta – Department of Environmental Affairs and Nature Conservation, Northern Cape  
Mr D Wilson – SANRAL, Western Region  
Mr D Nel – Aurecon South Africa (Pty) Ltd

Encl.

AUR02R27/corr/DEA/Let – submission of Application Form DEA 20 Apr11



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Directors: J Crowther F Fredericks • Associate: J Blood • Reg No 2003/019026/07



**environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

**APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION**

(For official use only)

File Reference Number:

12/12/20/

NEAS Reference Number:

DEAT/EIA/

Date Received:

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

**PROJECT TITLE**

PROPOSED STRENGTHENING (PARTIAL RECONSTRUCTION) OF NATIONAL ROUTE 27 SECTION 7 & 8 BETWEEN WESTERN/ NORTHERN CAPE BORDER (KM 40.0) AND CALVINIA (KM 70.0) - CONTRACT R.027-080-2011/1D

**SITE IDENTIFICATION AND LINKAGE**

Please indicate all the Surveyor-general 21 digit site (er/fam/portion) reference numbers for all sites (including portions of sites) that are part of the application. – See Attachment A

C	0	1	5	0	0	0	0	0	0	0	0	0	6	3	0	0	0	0	0
C	0	1	5	0	0	0	0	0	0	0	0	0	6	2	8	0	0	0	4
C	0	1	5	0	0	0	0	0	0	0	0	0	7	8	2	0	0	0	1
C	0	1	5	0	0	0	0	0	0	0	0	0	6	7	9	0	0	0	0
C	0	1	5	0	0	0	0	0	0	0	0	0	7	7	3	0	0	0	1
C	0	1	5	0	0	0	0	0	0	0	0	0	7	7	0	0	0	0	1
C	0	1	5	0	0	0	0	0	0	0	0	0	7	6	8	0	0	0	1

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

## 1. BACKGROUND INFORMATION

Project applicant:	South African National Roads Agency Limited (SANRAL)		
Trading name (if any):			
Contact person:	Mr Derek Wilson		
Physical address:	Parc du Cap, Building 5, Cnr Mispel Str & Willie van Schoor Ave, BELVILLE		
Postal address:	Private Bag X19, BELLVILLE		
Postal code:	7530	Cell:	083 283 5973
Telephone:	(021) 957 4600	Fax:	(021) 946 1630
E-mail:	wilsond@nra.co.za		

Provincial Authority:	Department of Environmental Affairs and Nature Conservation		
Contact person:	Mr J J Mutyorauta		
Postal address:	Private Bag X6102, Kimberley		
Postal code:	8300	Cell:	083 285 2327
Telephone:	053-807 7430	Fax:	053- 831 0530
E-mail:	jmutyorauta@half.ncape.gov.za		

Landowner:	See Attachment A for a list of landowners		
Contact person:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

Local authority in whose jurisdiction the proposed activity will fall:	Hantam Local Municipality		
Nearest town or districts:	Calvinia		
Contact person:	The Municipal Manager: Mr Ivan Valentein		
Postal address:	Private Bag X14, Hantam		
Postal code:	8190	Cell:	083 625 5492
Telephone:	027-341 8500	Fax:	027-341 8501
E-mail:	finance@hantam.gov.za		

## 2. ACTIVITIES APPLIED FOR TO BE AUTHORISED

For an application for authorisation that involves more than one listed or specified activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Indicate the number and date of the relevant notice:      Activity No (s) (in terms of the relevant notice) :      Describe each listed activity as per project description:

GN No. 544, 18 June 2010	18 (i)	<p><i>The infilling or depositing of any material of more than 5 m<sup>3</sup> into, or the dredging, excavation, removal or moving of soil, sand ... pebbles or rock of more than 5 m<sup>3</sup> from a watercourse ...</i></p> <p>The above activities would be undertaken as part of the process of widening of three bridges along the R27, namely a bridge (at km 34.92) over the Soetwater River and two bridges (at km 59.2 and 67.1) over the Oorlogs River, as well as the possible widening and reconstruction of some of the culverts over watercourses and drainage channels associated with the watercourses along the R27 Sections 7 &amp; 8.</p>
GN No. 544, 18 June 2010	39 (iii)	<p><i>The expansion of ... bridges ... within a watercourse or within 32 m of a watercourse, measured from the edge of a watercourse, where such expansion would result in an increased development footprint ...</i></p> <p>The above activities would be undertaken as part of the process of widening of three bridges along the R27, namely a bridge (at km 34.92) over the Soetwater River and two bridges (at km 59.2 and 67.1) over the Oorlogs River.</p>
GN No. 544, 18 June 2010	40 (iv)	<p><i>The expansion of infrastructure by more than 50 m<sup>2</sup> or more where such construction occurs within a watercourse or within 32 m of a watercourse, measured from the edge of a watercourse ...</i></p> <p>The rationale described above for Activity 39 (iii) listed in GN No. 544 also applies to this activity.</p>
GN No. 546, 18 June 2010	4 Geographical area (a) (ii) (ee)	<p><i>Construction of a road wider than 4 m with a reserve less than 13.5 m ... - applicable in the Northern Cape outside urban areas in ... critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.</i></p> <p>This may apply if any access roads wider than 4 m have to be constructed to borrow pits.</p>
	12	<p><i>The clearance of an area of 300 m<sup>2</sup> where 75% or more of the vegetative cover constitutes indigenous vegetation.</i></p> <p>(a) <i>Within any critically endangered or endangered ecosystem listed in terms of Section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004 (NSBA); and</i></p> <p>(b) <i>Within critical biodiversity areas identified in bioregional plans.</i></p> <p>This may apply to the widening of the road within the existing road reserve or to the development of borrow pits. It will be determined whether this is applicable only once the specialist botanical assessment has been undertaken.</p>
	13 (a)	<p><i>The clearance of an area of 1 hectare (ha) or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation ...</i></p>

		<p>(a) Critical biodiversity areas and ecological support areas as identified in systematic biodiversity plans adopted by the competent authority.</p> <p>The rationale described above for Activity 12 listed in GN No. 546 also applies to this activity.</p>
	14 Geographical area (a) (i)	<p>The clearance of an area of 5 ha or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation - applicable to all areas outside urban areas in the Northern Cape.</p> <p>The rationale described above for Activity 12 listed in GN No. 546 also applies to this activity.</p>
GN No. 546, 18 June 2010	19 Geographical area (a) (ii) (ee)	<p>The widening of a road by more than 4 m, or the lengthening of a road by more than 1 km - applicable in the Northern Cape outside urban areas in ... critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.</p> <p>The rationale described above for Activity 47 (i) listed in GN No. 544 also applies to this activity.</p>

### 3. OTHER AUTHORISATIONS REQUIRED

#### 3.1 DO YOU NEED ANY AUTHORISATIONS IN TERMS OF ANY OF THE FOLLOWING LAWS?

3.1.1	National Environmental Management: Waste Act	YES	NO ✓
3.1.2	National Environmental Management: Air Quality Act	YES	NO ✓
3.1.3	National Environmental Management: Protected Areas Act	YES	NO ✓
3.1.4	National Environmental Management: Biodiversity Act	YES	NO ✓
3.1.5	Mineral Petroleum Development Resources Act	YES ✓	NO
3.1.6	National Water Act	YES ✓	NO
3.1.7	National Heritage Resources Act	YES	NO ✓
3.1.8	Other (please specify)	YES	NO ✓
3.2	Have such applications been lodged already?	YES	NO ✓

4. DECLARATIONS

4.1 The Applicant

I, DEREK WILSON, declare that I -

- am, or represent<sup>1</sup>, the applicant in this application;
- have appointed / ~~will appoint (delete that which is not applicable)~~ an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / ~~will obtain exemption from the requirement to obtain an environmental assessment practitioner<sup>2</sup>;~~
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2010, including but not limited to –
  - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
  - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
  - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
  - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
  - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of these Regulations and will take reasonable steps to verify whether the EAP complies with the Regulations;
- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- 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 which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of

the Act.

Derek Wilson

Signature of the applicant<sup>3</sup>/ Signature on behalf of the applicant:

THE SOUTH AFRICAN NATIONAL ROADS AGENCY LIMITED (SANRAL)  
Name of company (if applicable):

Date:

2011-04-18

<sup>1</sup> If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

<sup>2</sup> If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

<sup>3</sup> If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.

**ATTACHMENT A**

SG SITE REFERENCE NO.	BORROW PIT (BP) NO.	OWNERS AND CONTACT PARTICULARS	FARM NAME	CADASTRAL ERF NAME AND NO.
C01500000000063000000	BP R27-7 km 51 LHS 6.9	Mr H.A. van Niekerk Address: PO Box 227, Calvinia. 8190 Telephone no: 027 218 1204 Cell no: 084 584 0408	Klipspriver	Klippe River 630 Remainder
C01500000000062800004	BP R27-8 km 9.5 LHS 0.2	Mr I.C. McGregor Address: PO Box 3, Nieuwoudtville. 8180 Telephone no: 027 218 1040 Cell no: 083 633 0544	Buffelsvlei	Buffels Vley 628 Remainder of Portion 4
C01500000000078200001	BP R27-8 km 32.6 RHS 6.2	Mr J.L. Strauss Address: PO Box 264, Clanwilliam. 8135 Representative: Dr F.J. Strauss Address: PO Box 309, Clanwilliam. 8135 Telephone no: 027 482 1629 Cell no: 083 230 4767	Merino	Bloedzuigerfontein North 782 Portion 1
C01500000000067900000	BP R27-8 km 39.8 LHS 0.1	Mr SWB van der Merwe Address: PO Box 191, Calvinia. 8190 Telephone no: 027 341 2203 E-mail: mailjesfontein@hantam.co.za	Mailjesfontein	Matjesfontein 679 Remainder
C01500000000073000001	BP R27-8 km 45.0 RHS 0.2	Mr JS Muller Address: PO Box 235, Calvinia 8190 Telephone no: 027 341 2165	Doega	Buffelsfontein 773 Remainder of Portion 1
C01500000000070000001	BP R27-8 km 50.4 LHS 0.1	Mr F.J. Strauss Address: PO Box 164, Calvinia. 8190 Telephone no: 027 341 2162 Cell no: 083 231 1872	Vyevlakte	Wiggenbosch 770 Remainder of Portion 1
C01500000000076800001	BP R27-8 km 61.6 RHS 1.0	Mr F.J. Strauss - same as above	Gad Enkel Wigg	Enkelde Wiggenboom 768 Remainder of Portion 1





**environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

**DETAILS OF EAP AND DECLARATION OF INTEREST**

(For official use only)

File Reference Number:

12/12/20/

NEAS Reference Number:

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Date Received:

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

**PROJECT TITLE**

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**Environmental Assessment Practitioner (EAP):**

CCA Environmental (Pty) Ltd

**Contact person:**

Jonathan Crowther / Ena de Villiers

**Postal address:**

PO Box 10145, Caledon Square, CAPE TOWN

**Postal code:**

7905

**Cell:**

082 777 1477

**Telephone:**

(021) 461 1118/9

**Fax:**

(021) 461 1120

**E-mail:**

jonathan@ccaenvironmental.co.za  
ena@ccaenvironmental.co.za

**Professional affiliation(s) (if any)**

Jonathan Crowther:

- Registered Professional Natural Scientist (Pr.Sci.Nat.) - Environmental Scientist
- Certified as an Environmental Practitioner with The Interim Certification Board for Environmental Assessment Practitioners of South Africa - CEAPSA

**Project Consultant:**

Aurecon

**Contact person:**

Gerhard Maritz

**Postal address:**

PO Box 494, CAPE TOWN

**Postal code:**

7905

**Cell:**

083 258 4924

**Telephone:**

(021) 526 9405

**Fax:**

(021) 526 9500

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Gerhard.Maritz@af.aurecongroup.com

DETAILS OF EAP AND DECLARATION OF INTEREST

The Environmental Assessment Practitioner

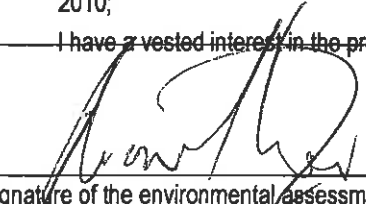
I, JONATHAN CROWTHER, declare that –

General declaration:

- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I 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;
- I 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;
- I will keep a register of all interested and affected parties that participated in a public participation process;
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- All the particulars furnished by me in this form are true and correct;
- Will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2010;
- ~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~



Signature of the environmental assessment practitioner:

CCA ENVIRONMENTAL (PTY) LTD

Name of company:

20 APRIL 2011

Date: