



PROPOSED SHANGONI GATE DEVELOPMENT WITHIN THE KRUGER NATIONAL PARK

Pre-Application Meeting Held @ Phalaborwa Gate, Kruger National Park– 09:00

Site Assessment conducted at the proposed development site within the Kruger National Park

Present:

Thabang Sekele	Envirolution Consultant
Sello Maake	SANParks Roads Supervisor
Magdeline Msimanga	DWS Representing officials
Ronald Mulaudzi	DWS Representing officials

Apologies:

Aurel Nyambi – SANParks Senior Roads Manager

Purpose of the Meeting:

The purpose of the consultant is for the applicant to provide the DWS officer information that will allow the officer an opportunity to:

- Align with environmental processes as part of co-operative governance,
- Define water use and which type of authorisation will be applicable, which will in turn dictate the approach that must be followed for the processing of the water use authorisation application,
- Advise the applicant on the availability of water, if necessary,
- Advise the applicant on investigation, consultation and information requirements,
- Advise the applicant on other legal requirements to be met, for example environmental and agricultural authorisations,
- Determine and confirm the risk classification of the activity.

Introduction:

Thabang Sekele (TS) proceeded to present the scope of the proposed development to the DWS officials as follows: South African National Parks (hereafter "SANParks") is proposing the

Shangoni Gate Development. This development will consist of the Shangoni visitor's entrance gate into the Kruger National Park (KNP), a reception facility; a new surfaced road of approximately 50,6 km in length with a width of 6 metres and three high level bridges where the road will span the Shingwedzi River twice and once over the Tshanga tributary. The development is coupled with a picnic site; camping site and tented rest camp. The entire activity is collectively referred to as "the Shangoni Gate Development".

Agreed upon Directives from DWS Officials:

Ronald Mulaudzi (RM) proceeded to advise that it is possible that the proposed development could only trigger a General Authorisation. The proposed activity triggers Section 21 c and i,

- The must be a map that must indicate the 1:100 year flood line.
- 1:100 year flood line determinations must be made at the amenities site areas (i.e picnic sites) and bridges areas. It's not necessary to indicate the 1:100 year flood line for the entire site.
- It is highly preferred by DWS that reed beds and vehicle parking lots must be located outside of the 1:100 year flood line.
- Reed bed volumes and capacity must be determined.
- Red bed locations need to be indicated.
- SANParks need to check whether the existing boreholes are authorized.
- Box culverts must be utilized at the necessary drainage line crossings.
- Construction is recommended to be in line with SANRAL road construction manual.
- No specific method statement is required. However, construction is recommended to be in line with SANRAL road construction manual.
- Storm water management plans must be included in the application.
- Environmental best practice is encourage in construction undertakings
- A master layout plan must be provided.
- The proposed development must be overlaid on the master layout plan.
- Risk Assessment must be included in the application.

Information shared by Thabang Sekele with the DWS officials:

TS proceeded to put forward the following information with regards to the proposed development:

- SANParks has in place a Management Plan that addresses storm water management.
- The exact positions of the reed beds are unknown at this stage.

- There are no concept drawings at this stage; however, SANParks has a road construction manual that addresses methods of road infrastructure construction. DWS deemed this as sufficient, however, Ronald and Magdeline advised Construction is recommended to be in line with construction is recommended to be in line with SANRAL road construction manual.
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Conclusion:

- It was agreed that the water use application should include the required information as requested by the DWS officials on submission.
- It is advisable to submit the water use application along with the Basic Assessment Report.
- Efforts should be made to submit report with respective officer that attended the pre application meeting.



DEPARTMENT OF WATER AFFAIRS AND SANITATION PRE APPLICATION MEETING

Project: SHANGONI GATE DEVELOPMENT WITHIN THE KRUGER NATIONAL PARK

Date: 24 November 2016

Time: 08:30

Venue: Kruger National Park, South Africa

NAME AND SURNAME	AFFILIATION	TEL NO	CELLPHONE	FAX NO/EMAIL ADDRESS	SIGNATURE
Thabang Sekele	Enviroolution Consulting	0861 44 44 99	082 861 0747	thabang@enviroolution.co.za	<i>[Signature]</i>
Ronald Mkhondo	DWS	082 654 692	082 654 692	iphiladzi@edusquid.com	<i>[Signature]</i>
Magdeline Msimang	DWS	082 908 3179		msimang@dws.gov.za	<i>[Signature]</i>
<i>Telego Mooko</i>	<i>STAMPARKS</i>	<i>0817379669</i>		<i>telego.mooko@stamparks.co.za</i>	<i>[Signature]</i>



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

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2157**

ATTENTION: Mr T. A Sekele

APPLICATION FOR WATER USE LICENCE IN TERMS OF SECTION 40 OF THE NATIONAL WATER ACT, 1998 (ACT 36 OF 1998) : CONSTRUCTION OF PICNIC SITE, CONSTRUCTION OF BRIDGES AND CULVERTS; SANPARKS, SHANGONI GATE; LIMPOPO PROVINCE.

Site inspection conducted on the 24 November 2016 by Ms Msimanga M.M, Mr N.R Mulaudzi of Department of Water & Sanitation, Mr. T.A Sekele of Envirolution Consulting and Mr T.D Maake of Kruger National Park.

FINDINGS

1. Shingwedzi River and drainage lines are affected by the proposed activities.

REQUIREMENTS:

2. Master layout plan which indicate the relationship between the watercourse and the proposed activities
3. Section 21(c) and (i) supplementary questionnaire information form must be completed
4. Method statements
5. Civil Design drawings
6. Impacts assessments on the characteristics of the watercourse e.g flow regime, habitat, geomorphology, biota and water quality.
7. Risk assessment
8. Environmental Management Plan
9. Storm Water Management Plan
10. Rehabilitation Plan
11. Monitoring Program
12. Structural Maintenance Plan
13. In terms of National Water Act, (Act No.36 of 1998) section 21 (c) and (i) impeding or diverting the flow of watercourse and altering the bed and characteristics of a watercourse are water uses that need to be authorized.
 - Section 27 motivation in terms of the National Water Act,(Act No.36 of 1998)
 - Licence Application fee R 114-00
14. In terms of National Water Act, (Act No.36 of 1998) section 21 (g) disposing of waste in a manner which may detrimentally impact on a water resource; is a water use which needs to be authorised. The design capacity of the reed bed system should be submitted to this Department. The sanitation facility process should be outlined /defined.

Should you have any further queries, please contact **Ms M.M Msimanga and Mr NR Mulaudzi at 012 336 7952.**

77. U.S. -
Acting CEO: Limpopo North West Proto CMA

23.12.2016.
Date

