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To be put on P100

24 February 2009

Dear Stakeholder

WATER USER AUTHORISATION GRANTED FOR THE PROPOSED CONSTRUCTION OF A BRIDGE OVER BRAAMHOEKSPRUIT DOWNSTREAM OF THE INGULA PUMPED STORAGE SCHEME IN KWAZULU-NATAL.

The Department of Water Affairs and Forestry (DWAF) has granted authorisation for the above-mentioned project on 17 February 2009.

This was done in terms of the National Water Act (Act 36 of 1998) and the sections that are primarily applicable on this project are:

- S21 c) impeding or diverting the flow of water in a watercourse; and
 - (i) altering the bed, banks, course or characteristics of a watercourse.

The DWAF has listed a number of conditions that must be followed before, during and after construction of this bridge. These are listed in the letter of authorisation accompanying this announcement letter.

Should you need more information please contact Jacqui Hex on Tel 011 254 4982, Fax: 011 805 2100 or email: jacquih@zitholele.co.za or myself on Tel: 011 254 4901, Fax 011 805 2100 or email: andrej@zitholele.co.za at Zitholele Consulting.

Yours faithfully

André Joubert
Public Participation Office
ZITHOLELE CONSULTING (PTY) LTD

11/03/09.

Fax: (031) 305 9927
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File: Braamhoekspruit Low water Bridge



Enquiries: Mr. N Ward
Tel: (031) 336 2737

DEPARTMENT OF WATER AFFAIRS AND FORESTRY : KWAZULU-NATAL
P.O. Box 1018, Durban, 4000
Southern Life House, 88 Field Street, Durban

Attention: Mr. Solomon Tsheko

Eskom
Primary Energy Division
P O Box 1091
JOHANNESBURG
2000

17 February 2009

Dear Sir

RE: BRAAMHOEKSPRUIT LOW WATER BRIDGE

The sections of the National Water Act (Act 36 of 1998) that are primarily applicable in this regard are:

- S21 (c) impeding or diverting the flow of water in a watercourse;
(i) altering the bed, banks, course or characteristics of a watercourse

The General Authorisations in terms of Section 39 of the National Water Act, Government Gazette No 398 of 26 March 2004 appear to be applicable in this case.

This Department has no objection to the proposed development provided the following conditions are adhered to:

1. The extent of damage must be minimised.
2. The banks adjacent to the construction site must be stabilised to prevent collapse and erosion.
3. Areas to be utilised by heavy machinery, etc must be clearly demarcated and a responsible person must be appointed to ensure that there is full compliance with the EMP.
4. Every effort must be made to ensure that any ecologically significant areas such as wetlands or marshes are protected during construction.
5. The development must not have any significant negative impact on the overall functioning of any wetlands (i.e. hydrological, ecological, etc).

BRAAMHOEKSPRUIT LOW WATER BRIDGE

Viva water pure and clean! • Viva forests rich and green!

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6. The EMP must also provide proper mitigation measures that need to be taken when wetland area, rivers and other environmentally sensitive areas are encountered during the construction phase.
7. 'No go' areas must be made visible to construction workers. The use of pegs can assist with this.
8. The water resource is not within a distance of **500 metres**, upstream or downstream, from the boundary of any wetland.
9. The water resource is not within a distance of **500 metres** upstream from the salt water mixing zone of any estuary.
10. Any structure built fully or partially in or across a watercourse does not –
 - a. Exceed a foundation width of **15 metres**;
 - b. Exceed a length of **200 metres** (measured from one side of the watercourse to the other; or
 - c. Occur within a distance of **500 metres** upstream or downstream of another structure that impedes or diverts flow on the same watercourse, measured along the watercourse.
 - d. Exceed a height of **10 metres**, measured from the natural level of the bed of the watercourse on the downstream face of the structure to the crest of the structure;
 - e. Exceed a width of **10 metres**, measured at the widest part of the structure; or
 - f. Exceed a length of **50 metres**, measured from one edge of the watercourse to the other; or
 - g. Occur within a distance of **500 metres** upstream or downstream of another structure that alters the bed, banks or characteristics of the same watercourse, measured along the watercourse.
11. Suitable culverts are installed for proper stormwater drainage.
12. There is no step in the invert.

This Department reserves the right to request that additional measures be taken should the activity be deemed to cause a significant impact to the environment.

A 'Water Use Licence' will be required for any development falling outside the condition limits stated above.

Please do not hesitate to call this office should you have any queries.

Yours faithfully


 For CHIEF DIRECTOR –KZN