

Inge Erasmus

From: Lizbé Bester <lizbe@sbri.co.za>
Sent: Tuesday, 23 January 2018 4:53 PM
To: Inge Erasmus
Subject: Re: FW: Departmental letter HUT DAM
Attachments: 16109DamSiteOptionsX.pdf; 16109HutAlternatives.pdf

Hello Inge

The off-stream option is not quite feasible in terms of technical and design aspects.

If one study the farming unit in terms of the contours, it is obvious that not only is the unit rather small but also has a rather flat topography bordering the Riviersonderend River. This implies that a natural dam basin is scarce also in terms of the soil types when considering sealing the dam.

This further means that the dam costs will rise significantly when regarding topography and sealing of the wall.

Alternatives were researched in our Feasibility Study as the first step of assisting the client. The other option that was also researched was also an in-stream dam. Please refer to attached maps regarding alternatives (with and without contours).

Hope this can assist you in this matter.

Kind regards
Lizbe

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-----Original Message-----

From: Inge Erasmus <inge@enviroafrica.co.za>
To: lizbe@sbri.co.za
Subject: FW: Departmental letter HUT DAM
Date: Tue, 23 Jan 2018 14:50:56 +0200

Hi Lizbe

Sien asb punt 7 van DEADP en punt 4.2 van Cape Nature comments). Dit se basically:

Cape Nature recommends that an off stream dam be considered as an alternative for the project. The departments requires information of this option would be a reasonable and feasible alternative as part of the EA assessment. If it should be a reasonable and feasible alternative, the draft EIR must be amended to include the off-stream alternative and the related freshwater impacts must be assessed by the freshwater specialist.

Wat is julle mening oor n voorgestelde off-stream dam?