

Inge Erasmus

From: Lizbé Bester <lizbe@sbri.co.za>
Sent: Monday, 26 March 2018 11:37 AM
To: Inge Erasmus
Subject: Re: FW: Sangasdrift Trust Dam and Weir, Riviersonderend

Hello Inge

Point (2) Yes, it is correct, although alternatives were researched, there are no other feasible dam site.

Groete
Lizbe

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Sarel Bester Ingenieurs BK

*Lyellstraat 62
Posbus 21
6835 Ceres*

*Tel: 023-312 2017
Faks: 086-514 3350*

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

From: Inge Erasmus <inge@enviroafrica.co.za>
To: lizbe@sbri.co.za
Subject: FW: Sangasdrift Trust Dam and Weir, Riviersonderend
Date: Mon, 26 Mar 2018 08:39:19 +0200

Beste Lizbe

Sien asb punt 2 van die onderste epos.

Groete
Inge

Inge Erasmus



Environmental Consultant

EnviroAfrica cc

p: +27 21 851 1616 m: +27 83 417 0800

f: +27 86 512 0154

a: Unit 7, Pastorie Park, Reitz St, Somerset West, 7130
P.O. Box 5367, Helderberg, 7135

w: www.enviroafrica.co.za e: inge@enviroafrica.co.za

From: Chanel Rampartab <crampartab@capenature.co.za>
Sent: Friday, 23 March 2018 4:25 PM

To: Inge Erasmus <inge@enviroafrica.co.za>
Subject: RE: Sangasdrift Trust Dam and Weir, Riviersonderend

Hi Inge

Many thanks for the information. Please clarify the following:

1. SASS: It is unclear what is meant by "limited habitat" – does the encroached/narrower habitat refer to the upstream site being inaccessible?
2. Alternative dam site: Is it correct to assume that the engineers believe that there are no feasible alternatives for the dam?

I look forward to more info on the ecological reserve.

Have a great weekend!

Regards
Chanel

From: Inge Erasmus <inge@enviroafrica.co.za>
Sent: 23 March 2018 07:57 AM
To: 'Chanel Rampartab' <crampartab@capenature.co.za>
Subject: RE: Sangasdrift Trust Dam and Weir, Riviersonderend

Dear Chanel

Please see the response emails attached with regards to your comment on the 1. SASS assessment and 2. alternative dam site.

1. SASS Assessment:

I communicated with the Freshwater specialist with regards to the SASS assessment based on previous comments from Cape Nature and her response were as follows:

"The Freshwater Specialist, Natasha van Haar was contacted in this regard. Her response: "The upstream reach above the collapsed weir had limited habitat (too encroached and narrower) thus sampling straddled the above and downstream of the weir to combine the SASS invertebrate community. The overall SASS was more representative of the affected reach, which is in the downstream reach".

Alternative dam site (Off-stream)

I communicated with the engineers with regards to your comments regarding the feasibility of the off stream dam alternative which was assessed by the applicant and engineers. Sarel Bester Engineer's response:

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). "

Please let me know if these responses are sufficient and if more assessment needs to be done. I will source more information with regards to the Ecological reserve.

Kind regards
Inge

Inge Erasmus



Environmental Consultant

EnviroAfrica cc

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f: +27 86 512 0154

a: Unit 7, Pastorie Park, Reitz St, Somerset West, 7130
P.O. Box 5367, Helderberg, 7135

w: www.enviroafrica.co.za e: inge@enviroafrica.co.za

From: Chanel Rampartab <crampartab@capenature.co.za>

Sent: Thursday, 22 March 2018 8:52 PM

To: Inge Erasmus <inge@enviroafrica.co.za>

Subject: Sangasdrift Trust Dam and Weir, Riviersonderend

Dear Inge

Please find attached CapeNature's comment to the application for the Sangasdrift Trust dam and weir, Riviersonderend.

For your information, I have also attached a draft version (awaiting sign off) of CapeNature's Land Use Advice Requirements for Development Applications.

Kind regards

Chanel

Chanel Rampartab

Scientist: Land-use & Conservation Planning



CapeNature

tel +27 21 866 8000 | fax +27 21 866 1523 | fax2email +27 86 415 5468

email crampartab@capenature.co.za |

postal Private Bag x5014 Stellenbosch 7599

physical Assagaibosch Nature Reserve Jonkershoek Road Stellenbosch

www.capenature.co.za

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