

Inge Erasmus

From: Dirk Van Driel <saligna2030@gmail.com>
Sent: Tuesday, 25 June 2019 4:51 PM
To: Inge Erasmus
Subject: Re: FW: Harmony dam in n Mountain Catchment Area

Water quality will be minimally, insignificantly impacted. The theory has it that runoff from pristine mountain catchment dilutes polluted runoff from agricultural areas. However, the volume from the Harmony stream is so small in relation to that of the Houdenbeks River that it would not make a noticeable difference. The cumulative effect of many such small dams may have an impact, but since we do not have any numbers from analytical laboratory analyses, this is all speculation.

Another dam would add to ground water. Instead of running away, water would sink into the ground under the dam. This is a small dam and the gain would be small as well.

The dam would alter aquatic habitat, as all new dams do. If moved downstream, the loss of valuable riparian vegetation would be minimised.

The dam can be constructed with a release valve to make provision for ecological releases. But yes, the many dams and water use in the upper catchment have a significant impact of the Doring River downstream. The hydroperiod has been shortened and this river is dry for much longer than it was prior to human impact. Water can be taken during peak flow, as is stated in the Fresh Water Report, and left during base flow and low flow, to reduce the impact on hydroperiod.

On Tue, Jun 25, 2019 at 4:29 PM Inge Erasmus <inge@enviroafrica.co.za> wrote:

Dankie vir jou kwote.

Dink asb vir my aan die volgende aspekte:

- Will the activities result in significant loss of habitat or [alteration of water flow or quality?](#)
- Will the dam impact on [water quality of the Houdenbeks River and groundwater recharge?](#)

Dankie en lekker vakansie hou

Inge Erasmus



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From: Dirk Van Driel <saligna2030@gmail.com>
Sent: Tuesday, 25 June 2019 4:12 PM
To: Inge Erasmus <inge@enviroafrica.co.za>
Subject: Re: FW: Harmony dam in n Mountain Catchment Area

Hello Inge

My quote is aangeheg.

Soos jy se, die Harmonie dam kan stroom af geskuif word na die plek wat reeds versteur is. Dan mag CapeNature dit goedkeur. Maar ek kan verstaan dat hulle nie 'n dam in 'n mooi klofie in die berg wil he nie. Ons moet eers hoor of hulle OK is met die dam laer af voordat ons klient nog kostes aangaan. Hoop dit help.

Best groete

Dirk



On Tue, Jun 25, 2019 at 3:40 PM Inge Erasmus <inge@enviroafrica.co.za> wrote:

Hi Dr Dirk

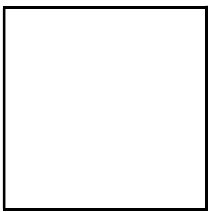
Ek weet jy is seker al in vakansie mode, maar sien asb Peet se suggestion oor Cape Nature se kommentaar vir Harmony dam with in n Mountain Catchment Area is, hier onder.

Sal jy dalk asb jou kop kan laatgaan hier oor en na my toe terug kom as jy terug is asb?

Groete

Inge

Inge Erasmus



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From: Peet Botes <peet@pbconsult.co.za>
Sent: Tuesday, 25 June 2019 3:20 PM
To: 'Inge Erasmus' <inge@enviroafrica.co.za>
Subject: RE: Harmony dam in n Mountain Catchment Area

Hi Inge

Dit is nogal 'n tameletjie een hierdie. Behalwe vir die MCA opmerking is hulle ook bekommerd oor Kouebokkeveld Alluvium Fynbos.

Rakende die MCA sou 'n mens dus moet bewys die dam nie 'n significant impak gaan he op water vloei or kwaliteit nie. Jou Varswater specialis sal dit dalk moet be-antwoord.

Maar ek het nog nooit voorheen te doen gekry met 'n impak op 'n MCA, so is nie regtig goed ingelig hierondbom nie. EK sou eers my varswater specialist vra om te kyk of hy die volgende kan aanspreek:

Sal die dam die volgende beteken en in indien wel hoe groot sal die impak wees:

- Will the activities result in significant loss of habitat or alteration of water flow or quality?
- Will the dam impact on water quality of the Houdensbeks River and groundwater recharge?
- Will the dam impact on downstream water supply ?

Maar ek sal ook vir CapeNature gebel het (Me Huntly) en dit met haar bespreek het. Onthou jy hoef nie te "fight" vir die goedkeuring daarvan nie, maar jy sal graag wil wees twat is die redenasie sodat JY kan evalueer of dit sin maak in die geval of nie.

Ek hoop dit help bietjie.

Sterkte daar.

Peet

From: Inge Erasmus [<mailto:inge@enviroafrica.co.za>]
Sent: Tuesday, 25 June 2019 12:10 PM
To: 'Peet Botes'
Subject: Harmony dam in n Mountain Catchment Area

Hi Peet

Ek wonder of jy my groot asb kan help met kommentaar wat ek van Cape Nature af gekry het vir Harmony dam. Ons liefste Dr Dave is oorsee en kan nie nou vir my kommentaar gee nie.

Die proposed harmony dam le binne in n MCA, sien my biodiversity overlay map aangheg. Cape nature se in hulle kommentaar dat hulle nie damme binne MCA gaan goed keur nie.

Net om kontakte te gee:

Ek is nou besig met my Application & Post—App Scoping report.

Ons het reeds n Archaeological study gedoen na HWC se versoek. Daar is toe rots kuns op die site gevind en die dam posisie het meer Noord geskuif om rots tekeninge te vermy. HWC versoek nou dat verdere palaeontological studies gedoen word.

DEADP versoek ook dat daar natuurlik n MMP vir die twee damme gedoen moet. Dit is alles gaan die boer baie ekstra geld kos en ek wil nie aangaan met die studies en my application submit as Cape Nature net eenvoudig gaan weier om n dam binne n MCA goed te keer nie.

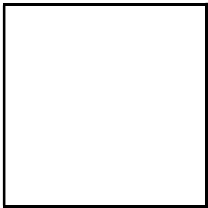
Lizbe hulle hou voor dat die taking of water vir Harmony slegs surplus water vanaf houdebek sal wees en dat stroom af gebruikers nie beïnvloed sal word nie.

Wat is jou gedagtes hieroor? Dink jy ons sal verby Cape Nature kan kom?

Baie groete

Inge

Inge Erasmus



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