COMMENTS AND RESPONSE REPORT

NO.	DATE	AFFILIATION	REFERENCE NO.	COMMENTS	RESPONSE	RESPONDENT
110.	DAIL	ATTEMION		MENTS ON PRE-APP SCOPING REPORT		ILOI OIIDEIII
1.	01-10- 2018	Guillaume Nel Environmental Consultants	COIVI	Appendix 5.6.23 Geagte Inge.		EnviroAfrica
		Consultants		Baie dankie dat jy my laat weet het. Ons sal terugkom na jou as ons enige bydra het. Groete en lekker dag verder	Noted.	
2.	02-10-	Volker Miros Swartruggens Conservancy		Appendix 5.6.24 My name is Volker Miros Chairman of the Swartruggens Conservancy. We have no objection for the Toeka Dam to be constructed as long as some environmental study is being done what this additional abstraction of the Retriever?? water will mean to all stakeholders downriver. We own and run the Groenfontein Farm and do not depend on the Rietrivier water source but have found over the years less and less water passes through the Rietrivier canyon at the South -Westerncorner of our farm from the KoueBokkeveld. This new dam will most probably cut off the last water to run down the Rietrivier. Your comment would be appreciated to enable me to report	Environmental Impact Assessments with the necessary specialist studies is currently being undertaken for the proposed Harmony & Toeka dams. This Scoping report aims to 'scope out' potential issues associated with the proposed development as well as set out a 'Plan of study'. I will make sure to forward you the EIR for comment once the report is available. As per Sarel Besters email dated 26 Sep 2018 (Appendix 5.6.22), there are about 4 upstream catchment areas that contribute to the total run-off of the Riet river	EnviroAfrica & Sarel Bester Engineers

			Swartruggens Conservancy. Thank	As indicated in the table the
			you for your input.	Houdenbek River Catchment, one
			Best regards Volker	of the tributaries to the Riet river,
			Dest regalus voiker	contribute about 30% of the total
				of the annual Riet River run-off.
				This particular Water Use
				Application is for the taking of
				about 3% of the Houdenbeks River
				run-off, AFTER the ELU's (Existing
				water users) have been protected,
				which is 30% of the total Riet River
				run-off. Therefore we are applying
				for only 0,9% of the total of Riet
				river run-off (after ELU's).
				Discount of the West of the
				Please also refer to the Water Use
				License Application Report
				1733WULA-W2 from Sarel Bester
				Engineers Appendix 7.2
				A monitoring plan and mechanical
				systems will be put in place, both
				up and down stream, to ensure
				that water use is monitored and
				that water is being released to
				ensure water is not cut off by the
				proposed dam.
				proposed dam.
3.	02-10-	Paul Gray	Appendix 5.6.25	
	2018			
			Dear Inge,	

Swartruggens Conservancy – Archaeology

I would like to support the comments submitted by Mr. Volker Miros who represents the Swartruggens Conservancy. As a member of the committee of the Conservancy, I would like to add that a formal response by the authorized Department of Water Affairs of the region and confirmed by the Provincial Water Affairs departments,	Noted. Please refer the response above to Mnr Miros's comments.
be requested to ensure that: 1. The recharge of the water course, usage and capacity of the dam does not hinder the normal (by records and assessments established over the years), flow of water downstream that would, or might affect the ecosystems that depend on the annual run off downstream, and that these figures are available.	1. Please note, as per Sarel Besters email dated 26 Sep 2018 (Appendix 5.6.22), there are about 4 upstream catchment areas that contribute to the total run-off of the Riet river catchment. As indicated in the table, the Houdenbek River Catchment, one of the tributaries to the Riet river, contribute about 30% of the total of the annual Riet River run-off. This particular Water Use Application is for the taking of about 3% of the Houdenbeks River run-off, AFTER the ELU's (Existing

water users) have been protected, which is 30% of

2. That the projections for future rainfall conditions of drought of climatic changes have been taken in to

account.

			,
	the total off. There applying fo the total o off (after E	efore we or only 0,9 of Riet rive	are 9% of
License 1733W	also refer to Applica ULA-W2 fro ers Append i	ation R om Sarel E	eport
systems up and that wa that wa ensure	toring plan s will be pu down streater use is ater is bei water is no ed dam.	it in place, eam, to e monitored ng releas	both nsure d and ed to
2.	The area is its dry per rainfall who 3 or 4 ye broken by rainfall over period. The will aim to from these water	riods with nich can la ears and th heavy on er a very e 'new ta abstract	little ast up en up ce off short kings' water

were

Calculations

conducted based on Mean Annual Rainfall for

national or regional conditions to which all water users will have to comply with and submit proof of compliance.

- 3. That all downstream users or property owners are included in the proposed damming of the river, that might or will be affected by such damming.
- 4. That the EIA will include inter alia, archaeological as well as historical surveys.
- 3. Noted and agreed. Down stream users and property owners are included in this application.
- 4. Noted and agreed. A Heritage Screener was conducted by CTS Heritage and a NID was submitted to HWC for comment. Further studies are required by HWC and will be conducted. Findings to be discussed in the impact report.

			The above comments may very well be applicable to existing Swartruggens Conservancy members. The Knolfontein Farm of whom I am a shareholder I do not believe will be affected by the proposed TOEKA dam. Please confirm that all above stated comments as well as those already raised by Mr. Volker Miros, will be responded to formally in due course before construction approval. Sincerely yours Paul Gray Swartruggens Conservancy - Archaeology 021 712 0088	
4.	03-10-	A R Mitchell	Appendix 5.6.26	
	2018	Oudrif Doring Rivier	Hello Inge, I can find no mention of how these dams will impact the flow patterns of the Doring River and how the will fit in with the existing environmental flow requirements for the Doring River. Can we please have a map of the entire catchment so we can see the how the dams relate to	EnviroAfrica

COMMENTS AND RESPONSE REPORT

	2019	Marguerite Bruwer		Application Proposed Dam: Harmony Dam - on remainder of the farm Houdenbek NO. 415	Please take note that this application will not influence river base flow. This application is for	Sarel Bester Engineers
5.	09-10-	Justus &	Harmony Dam	Appendix 5.6.27		EnviroAfrica
				cover. Thank you A R Mitchell	specialist was appointed. Findings are summarised in the report. The Freshwater report is included as Appendix 8.2. The specialist report to be updated to reflect the new preferred dam location. Specialist findings will be discussed in detail and included in the Environmental Impact Report. Once this report is available for comment, I will make sure to notify you. Please note that this comment and response report will made available to DWS who will assess all comments, responses and studies conducted to help them determine their decision on the WULA.	
				the rest of the catchment and extent of the impact on the whole system not just the small area that the dams	study and which specialists to be appointed.	

which comes down in bursts over maybe 1-3 days.

DATE: July 2019

Please refer to the Water Use License Application Report 1733WULA-W2 from Sarel Bester Engineers **Appendix 7.2**

Please also refer to Sarel Besters Engineers email dated 26 Sep 2018 (Appendix 5.6.22), there are about 4 upstream catchment areas that contribute to the total run-off of the Riet river catchment.

As indicated in the table, the Houdenbek River Catchment, one of the tributaries to the Riet river, contribute about 30% of the total of the annual Riet River run-off. This particular Water Use Application is for the taking of about 3% of the Houdenbeks River run-off, AFTER the ELU's (Existing water users) have been protected, which is 30% of the total Riet River run-off. Therefore we are applying for only 0,9% of the total of Riet river run-off (after ELU's).

A monitoring plan and mechanical systems will be put in place, both

Objection: De Naauwte Erf 136
District of Ceres Karoo
We, Justus W R Bruwer & Marguerite
A Bruwer of the farm
De Naauwte, hereby wish to register
our objection to the above

Reasons for our objection:

mentioned application.

The farm De Naauwte is severely impacted by the flow of water in the Rietrivier. The section of river that runs through our farm has been dry for the past 3 years. The river is our only source of water.

The river water has been used mainly for domestic purposes up to this point in time.

- The Houdenbek river feeds into the Rietrivier. - there is extensive agriculture in this catchment area thus the groundwater use exceeds recharge and levels have dropped alarmingly.

Groundwater contributes significantly to river base flow.

3) Please take note that in April of 2012 the Final Project Report done by the Department of Water Affairs Chief Directorate: Resource Directed

up and down stream, to ensure that water use is monitored and that water is being released to ensure water is not cut off by the proposed dam.

DATE: July 2019

Please note that this comment and response report will made available to DWS who will assess all comments, responses and studies conducted to help them determine their decision on the WULA.

Measure" and we quote a few points mentioned in the Report.

"Koue Bokkeveldd IUA, which has 2% of the population accounts for 18% of the water usage in the WMA"

"No large dams or large water wier development on the mainstream of the Doring, Groot, Riet, Verlorenvlei, Langvlei, Jakkels and Papkuils rivers"

No new licenses for water abstraction in summer (low flow) period of the year in the mainstream of the Olifants upstream of the Clanwilliam Dam, Doring, Groot, Riet, Verlorenvlei, Langvlei, Jakkels and Papkuils rivers."

"The Houdenbeks is fully developed"

4) Aproximately 95% of water use in the WMA is used in the agricultural sector. The above mentioned study/report found that future growth in demand for water is therefore likely to be linked to increased demand from the agriculture sector and not due to increased demand linked to population growth.

	Justus & Margue Computer generated De Naauwte,	
	Kind Regards,	
	Contact: bruwerm@	mweb.co.za
	Please be so kind as receipt of this ema objection.	
	We are not adver farmers at all but have to water. Yet anothed have further severe our human consumpt wildlife on our farmethe fish species of Rietrivier.	ve the same right er large dam will implications for otion and for the not to mention
	5) Groundwater def surface water EWR account. The Kouebo water exceeds rech levels are dropping. shallow. Ground warisk.	low flow into okke veld ground large and water Ground water is

25-10-2018 Alexander

Zeekoegat

Property

Frew

Appendix 5	.6.28

Dear Inge Erasmus

I confirm that I am an objector to the proposed construction of the Harmony & Toeka dams.

I am a co-owner of the Zeekoegat property, which borders the Riet River and is downstream of these proposed dams. For four winters past there has been no water flowing in the river. Prior to this, the river would flow every winter, helping to clear out alien vegetation from the banks of the river. We are concerned that in the current situation of record drought years that any development of dams will only make this situation worse.

Sincerely Alexander Frew This application is for the taking of surplus winter water which comes down in bursts over maybe 1-3 days.

DATE: July 2019

Please refer to the Water Use License Application Report 1733WULA-W2 from Sarel Bester Engineers **Appendix 7.2**

Please also refer to Sarel Besters Engineers email dated 26 Sep 2018 (Appendix 5.6.22), there are about 4 upstream catchment areas that contribute to the total run-off of the Riet river catchment.

As indicated in the table, the Houdenbek River Catchment, one of the tributaries to the Riet river, contribute about 30% of the total of the annual Riet River run-off. This particular Water Use Application is for the taking of about 3% of the Houdenbeks River run-off, AFTER the ELU's (Existing water users) have been protected, which is 30% of the total Riet River run-off. Therefore we are applying for only 0,9% of the total of Riet river run-off (after ELU's).

7.

26-10-

2018

F P Greef

Mountain

Shinv

Appendix 5.6.29

only surplus water will be stored.

the applicant's proposed Toeka dam. I refer to Appendix 7.2 for the Water Use License Report

In other words, the two partners have an agreement that the applicant will protect the existing Morester water use, and that Morester meets the applicant to pump water before their own complete ELU (Existing Lawful Uses) is already protected.

Furthermore; To protect the Rietrivier stream (IFR & ELU), we propose that the In Flow Requirements (IFR) be released at Houdenbek-Onder dam at the same time as the applicant will pump his water. Secondly, the downstream ELUs will be released on the same basis as the applicant's withdrawals, ie the downstream ELUs as well as the applicant's water use will be distributed pro-rata and in the same priority.

To monitor this system, we suggest that measurement mechanism be installed both upand down-stream so that the releases can be monitored.

8.

05-11-

2018

Rassie

Olifants

Nieuwoudt DWS BergAppendix 5.6.30

1. I am following up on the above matter.

Kind regards

Inge

Dear Inge,

Regards,

	However, the Department (DWS) will have to assist us with the recommendations for IFR releases as well as the downstream ELUs. Thus, surplus conditions can be monitored and accordingly released pro-rata.	
	It is important that water users are advised that Houdenbek contributes only 30% to the total run-off of the quaternary run-off area. Refer previous email and comments on the protection of existing water uses and this license only accounts for 0.9% of the total water (Appendix 5.6.22).	
am following up on the ove matter. a. Please register me as an I&AP in this matter. b. Have you received any comments from	I am in the process of completing the Post-App Scoping for the two proposed dam. I have not received any comments from DWS yet. We had a pre-app meeting in Feb 2018 which Mr Leon Nomjila attended. As I understand he is also handling the WULA. However, I will make sure to	EnviroAfrica
DWS?	register you as an I&AP and send you future reports.	

COMMENTS AND RESPONSE REPORT

9.	05-11-	DEADP	16/3/3/6/7/1/B5/	Appendix 5.6.31		EnviroAfrica
	2018	D Matthews	2/1367/17			
				Comment on Daft Scoping Report		
				1. The draft SR dated October	1. Noted.	
				2018 as received by the		
				Department on 1 October		
				2018, refers.		
				2. The proposal entails	Noted and correct.	
				construction of an instream		
				dam in an unnamed tributary		
				of the Houdenbek River on		
				the Remainder of Farm		
				Houdenbek No. 415. The dam		
				soecifications are:		
				Dam wall length: 280m		
				Dam wall height : 12,8m		
				Dam capacity: 250 000m3		
				Dam surface area: 5,4 ha		
				3. The Department has the	3. Noted	
				following comments that		
				must be addressed and		
				included in the in-process Sr:	3.1 Noted and corrected	
				3.1 Since Activity 14 of Listing		
				Notice 3 is triggered, Activity		
				13 of LN 1 must be excluded		
				from the list of applicable		
				activities because if the		
				exclusionary provision within		
				the activity which reads, "(cc)		
				activities listed in activity 14		
				in LN 2 of 2014 or activity 14		

LN 3 of 2014, in which case that activity applies" 3.2 It is unclear whether a pipeline will be constructed as part of the proposal. A description and layout plan, detailing and illustrating the proposed development and all associated infrastructure must be provided. Furthermore, the Listed Activities for the transport of water must be included, if applicable.	3.2 Harmony dam will be filled primarily with runoff from its own catchment area, an unnamed tributary to the Houdenbek River. Irrigation pipelines thresholds will not trigger listed activities in terms of NEMA and will be located on ploughed land and road reserves and the	
аррисавіе.		
3.3 Limited information is included for Alternative B, which involves the expansion of an unused dam. As such, more information must be provided for the aforementioned alternative for a comparative assessment of the	3.3 Please refer to Section 4 of the Scoping report for updated information regarding the Alternatives investigated. Please note that Alternative B (now	

		alternatives that were	Alternative C) is not
		considered. Especially since	considered a viable
		the motivation for the	alternative from an
		preferred alternative	engineering point of
		includes having a smaller	view and will
		footprint and lower	therefore not be
		evaporation rate, which is	investigated any
		contradictory to the	further.
		information of the Prelim	
		Design Report dated	
		26/02/2018 complied by	
		Sarel Bester Ingenieurs BK.	3.4 Please note that
			Alternative B (now
		3.4 In addition, it is unclear	Alternative C) is not
		whether this Alt B will be	considered a viable
		included for further	alternative from an
		assessment in the EIA phase.	engineering point of
			view and will
			therefore not be
			investigated any
			further. Other
			alternatives is
			discussed in the
			report.
		3.5 The Plan of Study does not	3.5 Noted and updated.
		conform to the content	
		requirements outlined in	
		Appendix 2 of the EIA Regs	
		2014 (as amended).	
		3.6 It is recommended that a	3.6 Noted. The MMP to
		MMP that addresses all the	be included with the
<u> </u>	1	William that addresses all the	DE INCIDACA WITH THE

 T	
maintenance activities for	EIA report for
infrastructure to be	comment.
constructed as part of the	
development must be	
included in the EIA report.	
The PoS for the EIA phase	
must be updated to include	
this aspect.	
4. Regulatory requirements:	4. Noted
4.1 Proof of the notification and	4.1 Noted and included.
the copies of the notification	Appendix 5.7
letters sent to registered	
I&APs for the comment on	
the pre-App SC must be	
included	
4.2 All representations and	4.2 Noted and included.
comments received during	See the C&RR (this
the pre-application	report) Appendix 5.6
commenting period must be	with original
included in the in-process	comments Appendix
daft SR and any responses by	5.6.1 – 5.6.33
the EAP top those	
representations and	
comments must be tabulated	
in a C&RR.	
4.3 The minutes of any meetings	4.3 Please refer to the
held by the EAP & I&APs and	register Appendix 6.2
other role players which	
record the views of the	
participants.	4.4 Noted.
4.4 Please be advised that an	
original signed and dated	
application declaration is	

EIA regs 2014.

6. Noted and quoted.

				 6. Kindly quote the abovementioned reference number in any future correspondence in respect of the application. 7. Please note that the activity may not commence prior to an EA being granted by the Department. 8. The Department reserves the right to revise initial comments and request further information based on the information received. 	7. Noted and agreed 8. Noted.
10.	06—11-2018	Cape Nature Philippa Huntly	SSD14/2/6/1/9/6/415-Re_SR_Dam_Harmony_Ceres	Cape Nature comment on Pre-App Scoping, Harmony Dam Letter dated 31 October 2018, received 6 Nov 2018. CapeNature would like to thank you for the opportunity to comment on the above application and wish to make the following comments. Please note that our comments pertain only to the biodiversity related impacts and not to the overall desirability of the application.	

1. It is confirmed the comments of 27 Jul based on the Back Information Documents	y 2017 ground
out at the time hav included in this, the Application Scoping for the construction on dam (Harmony dam) remainder of Houdenbek 415 Ceres	e been ne Pre- Report f a new on the Farm
2. The main issue raised comments of 27 July relation to the preferred alternative so Harmony Dam. It supported by CapeNa it located within a prode Mountain Catchmen (Kouebokkeveld MCA activities which result of habitat or altera water flow or quality be permitted in MCAs are of very high conse value and should be and managed as protected areas. Runce this MCA assist maintaining the water	2. Noted, Findings of the Botanical and Freshwater specialist are summarised in the report. Specialist findings were included as Appendix 8. Please also refer to the Freshwater Specialist email response, A). No Appendix 5.6.32.1 regarding habitat loss, alternation of water flow or quality as well as the impact on water quality of the Houdebeks River and groundwater recharge.

groundwater recharge. It should be noted that a

number of I&APs (include Private Nature Research private users and comm	ed by nbeks maller ernary a also ficant ding a serve, nercial raised
downstream water supon which they dependant. 3. As noted in our comme 27 July 2017, CapeN does not support instream dams enlargement of exinstream dams unless be shown that the ecolocondition of the river/si in which the dam is locan be improved an significant terrestrial aquatic habitat will be I is noted that a Fresh Specialist and a Bot Specialist have	are 3. Noted, Findings of the Botanical and Freshwater new specialist are summarised in the report. Specialist findings were included as Appendix 8. Please also refer to the Freshwater Specialist email response, cated Appendix 5.6.32.1 regarding habitat loss, alternation of water flow or quality as well as the impact on water quality of the Houdebeks River and groundwater recharge.

	be used to determine the impact on terrestrial and aquatic habitat and on overall ecological condition. 4. There are two vegetation types mapped for the site of the vegetation site was the proposed Harmony Dam. These are Winterhoek	
	Sandstone Fynbos and Kouebokkeveld Alluvium Fynbos. Kouebokkeveld Alluvium Fynbos is categorised as Critically Endangered according to criterion A1: Irreversible loss of natural habitat. No further loss of Kouebokkeveld Alluvium Fynbos will be supported.	
	5. It is noted that a concurrent process is being followed for the Toeka Dam application on the same property and a separate but similar comment is submitted for that however the DEA&DP communication of 10th November 2017 recommended that one process be followed for both applications. Please confirm the reasoning behind the two separate processes. 5. It was decided to do the two dams as two separate applications so the objection against one dam does not impact the other application.	

				CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.		
11.	07-06- 2019	HWC	180306134S0308E	Appendix 5.6.33 for original comments received from HWC (dated 11/02/2019 and 13/09/2019 & Appendix 5.6.33.1 for email correspondence		
				HWC Comments on NID for proposed Harmony & Toeka 13-09-2019		
				HWC is in receipt of your application of your application for the above matter received on 4 Sept 2018. This matter was discussed at the Heritage		
				Officers meeting help 10 Sept 2018. You are hereby notified since there is reason to believe that the proposed development will impact on heritage resources, HWC requires that a HIA		
				that satisfies the provisions f section 38(3) of the NHRA be submitted. This HIA must have specific reference to the following:	- An Archaeological Impact	
				- Impacts on archaeological	Assessment was	

heritage resources

conducted

8.3.2) and findings were

(Appendix

discussed in the Heritage Impact Assessment (Appendix 8.3.1). Findings are summarised in the Scoping report.

The Heritage Specialist,

DATE: July 2019

The required HIA must have an intergrated set of recommendations. The comments of relevant registered conservation bodies and the relevant municipality must be requested and included in the HIA where provided. Proof of these requirements must be supplied

heritage resources

Impact on paleontological

cts Heritage suggested that a PIA would not be necessary. Please refer to the email correspondence **Appendix** 5.6.33.1. However, HWC did not agree with this statement and is requesting that a PIA be conducted. A PIA still needs to be conducted, the HIA will be updated and findings will be discussed in the EIR.

HWC Interim Comment on proposed Harmony & Toeka dams (as received on 06-07-2019).

HWC is in receipt of your application for the above matter received on December 2018. This matter was discussed at the Impact Assessment Committee meeting held on 16 January 2019.

1. Noted, a PIA to be conducted, HIA to be

Interim comment:

A PIA, as required in the NID response, must be conducted by a suitably qualified

				palaeontologist and submitted to HWC. 2. The identified and significant archaeological resource, the rock are panel and the rockshelter site, is to be recorded by a suitably qualified expert.	updated and findings to be discussed in the EIR. To be conducted.	
			CONMINTE	N INITIAL PUBLIC PARTICIPATION PHA		
1	17.07	Zookoogat				Saral Postor
1.	17-07-2017	Zeekoegat Farms CC (Mrs AM Forbes)		Appendix 5.6.1 AM Forbes request inclusion as an I&AP. The Riet River is fed from the Winkelhooks river in turn fed from the Houdenbek river and catchment area. The Riet River in turn is a feeder river to the Dooring River. The proposed damming of this river and catchment area would result in the removal of our essential water source.	Noted and added. Please refer to the email response from Sarel Bester Engineers in Appendix 5.6.22	Sarel Bester Engineers
2.	19-07- 2017	Neil Lyners and Associates (Mr Mario Filippi)		Appendix F5.6.2 Ons is besorg oor die impak van die voorgestelde dam op die stroomafvloei van die rivier asook die impak op die bewarings gebied. Is dit moontlik dat jy asb. vir ons die voorgestelde dam posisies en opsies kan aanstuur, die verslae van die	Noted and added. The Scoping report and all future reports will be forwarded to you.	

				verskeie spesialiste (ek neem aan		
				"river aquatic", plantkundige, ens.)		
				asook die bepaling van die basis		
				stroom vir die rivier vir die stroomaf		
				vereistes? Enige ander verslae wat		
				relevant is, sal ook vir ons beter insae		
				gee asb.?		
3.	10-07-	Zeekoegat		Appendix F5.6.3	Noted and added.	
	2017	Farm CC (Mrs		Gail Hunter request inclusion as an		
		Gail Hunter)		I&AP.	PPlease refer to the email	
				The Riet River is fed from the	response from Sarel Bester	
				Winkelhooks river in turn fed from	Engineers in Appendix 5.6.22	
				the Houdenbek river and catchment		
				area.		
				The Riet River in turn is a feeder river		
				to the Dooring River.		
				The proposed damming of this river		
				and catchment area would result in		
				the removal of our essential water		
				source.		
4.	21-07-	Cape Nature	SSD14/2/6/1/9/6/415_	Appendix F5.6.4		EnviroAfrica
	2017	(Alana Duffel-	Water_Dams_Houdenbek			
		canham)		CapeNature would like to thank you		
				for the opportunity to comment on		
				this application.	A freshwater and botanical	
					specialist have been appointed to	
				Please note that CapeNature does	investigate this concern. Findings	
				not support new instream dams or	to the included in the impact	
				enlargement of existing instream	report.	
				dams unless it can be shown that the		
				ecological condition of the		
				river/stream in which the dam is		

habitat will be lost.

DATE: July 2019

Harmony Dam is not supported by CapeNature as it located within a proclaimed Mountain Catchment Area (Kouebokkeveld MCA). No activities which result in loss of habitat or alteration of water flow or quality should be permitted in MCAs. MCAs are of very high conservation value and should be treated and managed as formal protected areas. Runoff from this MCA assists in maintaining the water quality of the Houdenbeks River and groundwater recharge. It should be noted that a significant amount of water is already being

located can be improved and no significant terrestrial or aquatic

The Biodiversity specialist still to provide comment on this concern.

Management Plan was requested

from Cape Nature for inclusion in

the EMPr to ensure the correct

management of the MCA.

captured by the dams in the Houdenbeks River and the many smaller dams in the Quaternary Catchment Area.

Toeka Dam is not within the MCA, however, it is proposed within an area determined as Ecological Support Area (ESA). Although it is acknowledged by the 2017 Biodiversity Spatial Plan that some of the ESA is degraded, the ESAs on this site have been determined as such

A freshwater and biodiversity specialist was appointed to conduct an impact assessment of the impact of the proposed dam Findings to be included in the impact report.

			because they are important for groundwater recharge, watercourse protection and the presence of a channelled valley bottom wetland. Ideally this area should be rehabilitated to allow for improved water flow and ecological functioning. Should the applicant wish to pursue the applications for these dams, a freshwater specialist must be appointed to consider direct and cumulative impacts and to determine Ecological Flow Reserve and river rehabilitation requirements. However, our objection to Harmony Dam is likely to remain in place as development of a dam in the proposed location is contrary to the conservation objectives of a MCA.	
5.	21-07- 2017	Zeekoegat Farms CC (Mr Alexander David Frew)	I, Alexander David Frew, request to be registered as an Interested and Affected Party in respect of the above project. I am a member of Zeekongat Farms	
			I am a member of Zeekoegat Farms CC through which the Riet River runs. The Riet River, WHICH IS OUR ONLY	

WATER SOURCE, is fed from the

2017

Cederberg

			Winkelhaaks River which in turn is fed	
			from the Houdenbeks River and	
			catchment area.	
			The proposed damming of the	
			Houdenbeks River and catchment	
			area would result in the removal of	
			our essential water source.	
6.	21-07-	Zeekoegat	Appendix F5.6.6	Noted and added
	2017	Farms CC (Mrs		
		Marie Sylva	I, Marie Sylva Stobie, request to be	Please refer to the email
		Stobie)	registered as an Interested and	response from Sarel Bester
			Affected Party in respect of the above	Engineers in Appendix 5.6.22
			project.	
			I am a member of Zeekoegat Farms	
			CC through which the Riet River runs.	
			The Riet River, WHICH IS OUR ONLY	
			WATER SOURCE, is fed from the	
			Winkelhaaks River which in turn is fed	
			from the Houdenbeks River and	
			catchment area.	
			The proposed damming of the	
			Houdenbeks River and catchment	
			area would result in the removal of	
			our essential water source.	
7.	26-07-	EET Group (Ida	Appendix F5.6.7	
	2017	Usgaard and		Please refer to the email
		Federick	On behalf of all of Rietvlei farm	
		Anderson)	construction plans are of great	Engineers in Appendix 5.6.22
			concern to nature and people	
			dependant on water resources. Don't	
			construct a dam.	
8.	26-07-	Klein	Appendix F5.6.8	Noted and added

		Private Nature Reserve (Nik Wullschleger)	Please register Klein Cedarberg Private Nature Reserve (Nik Wullschleger) as an interested and affected party in this matter.	
9.	26-07-2017	Paul Gray (Farm Knolfontein and Swartruggens Conservancy)	Appendix F5.6.9 Good day, Please can you register me as an I & A P for the above proposed dam on the Houdenbeck river. I am a shareholder on the Farm Knolfontein, as well as a committee member of the Swartruggens Conservancy. Please submit data as written to the below listed address as well as per mail Thanking you	Engineers in Appendix 5.6.22
10.	26-07- 2017	Swartruggens conservancy (Volker Miros)	Appendix F5.6.10 We would like to submit as interested parties on behalf of the Swartrugge Conservancy.	
11.	31-07- 2017	Molenrivier Landgoed (Pty) Ltd (Tian Erasmus)	Appendix F5.6.11 We hereby want to register as an Interested and Affected Party to the Proposed Construction of a new da on Remainder of Farm Houdenbek no 415, Ceres by Harmony Trust.	m Engineers in Appendix 5.6.22

			The company owns properties that gets water from the Houdenbek's River and any further development in and around the river may impact on the sustainability of the company and its operations	
12.	31-07- 2017	Sandberg Eiendomme (Pty) Ltd (Tian Erasmus)	Appendix F5.6.12 We hereby want to register as an Interested and Affected Party to the Proposed Construction of a new dam on Remainder of Farm Houdenbek no 415, Ceres by Harmony Trust. The company owns properties that gets water from the Houdenbek's River and any further development in and around the river may impact on the sustainability of the company and its operations	Noted and added Please refer to the email response from Sarel Bester Engineers in Appendix 5.6.22
13.	31-07- 2017	TSR Boerdery (Pty) Ltd (Tian Erasmus)	Appendix F5.6.13 We hereby want to register as an Interested and Affected Party to the Proposed Construction of a new dam on Remainder of Farm Houdenbek no 415, Ceres by Harmony Trust.	Noted and added Please refer to the email response from Sarel Bester Engineers in Appendix 5.6.22

14

15

02-08-

2017

02-08-

2917

Zeekoegat

Zeekoegat

David A.H

Buckly)

Farm CC (Dr

Farm CC Bruce Johnson

I wish to register as an interested

and affected party in regard to the

proposed construction of a dam

on the property Houdenbek 415 Ceres. I am a member of Zeekoegat

Farm CC, a co-owner of the

The company owns properties that gets water from the Houdenbek's River and any further development in and around the river may impact on the sustainability of the company and its operations		
Appendix F5.6.14 Bruce Johnson request to be registered as an Interested and Affected Party in respect of the above project. I am a member of Zeekoegat Farms CC through which the Riet River runs. The Riet River, WHICH IS OUR ONLY WATER SOURCE, is fed from the Winkelhaaks River which in turn is fed from the Houdenbeks River and catchment area. The proposed damming of the Houdenbeks River and catchment area would result in the removal of our essential water source.	Please refer to the email response from Sarel Bester Engineers in Appendix 5.6.22	
Appendix F5.6.15	Noted and added	

Please refer to the email

response from Sarel Bester

Engineers in Appendix 5.6.22

			I am one of the property owners of	
	02.00	1 0	Rietkloof / Rietvlei dam	
L7	02-08- 2017	Justus & Marguerite	Appendix F5.6.17 Noted and added	
	2017	Bruwer	Application Proposed Dam: Please refer to the email	
		biuwei	Harmony Dam - on remainder of the response from Sarel Bester	
			farm Houdenbek NO. 415 Engineers in Appendix 5.6.12	
			Morester Landgoed, Ceres.	
			Objection: De Naauwte Erf 136	
			District of Ceres Karoo	
			We, Justus W R Bruwer & Marguerite	
			A Bruwer of the farm	
			De Naauwte, hereby wish to register	
			our objection to the above	
			mentioned application.	
			Reasons for our objection:	
			The farm De Naauwte is severely	
			impacted by the flow of water in the	
			Rietrivier. The section of river that	
			runs through our farm has been dry	
			for the past 3 years. The river is our	
			only source of water. The river water has been used	
			mainly for domestic purposes up to	
			this point in time.	
			this point in time.	
			- The Houdenbek river feeds into	
	1		the Rietrivier there is extensive	

agriculture in this catchment area thus the groundwater use exceeds

developed"

	_		
	· · ·	ly 95% of water use in	
		sed in the agricultural	
		ove mentioned	
		ound that future	
		nand for water is	
		y to be linked to	
	increased dem	nand from the	
	agriculture sec	ctor and not due to	
	increased dem	nand linked to	
	population gro	owth.	
	5) Groundwate	er defects after taking	
	surface water	EWR low flow into	
	account. The K	Kouebokke veld ground	
	water exceeds	s recharge and water	
	levels are drop	oping. Ground water is	
		nd water supply is at	
	risk.		
	We are not ad	verse to the fruit	
	farmers at all b	but have the same	
	right to water.	. Yet another large dam	
		ner severe implications	
		consumption and for	
		our farm not to	
		sh species endemic to	
	the Rietrivier.	55p55.65 555	
	the metrici.		
	Please he so ki	ind as to acknowledge	
		email and letter of	
	objection.	chian and letter of	
	objection.		

			Contact: bruwerm@mweb.co.za		
			Kind Regards,		
			Justus & Marguerite Bruwer (
			Computer generated signature)		
			De Naauwte,		
18	03-08-	Fanie van der	Appendix F5.6.18	Noted and added	
	2017	Merwe			
			Would like to register as an IAP		
19	04-08-	Guillaume Nel	Appendix F5.6.19	Noted and added	
	2017		CNEC to a constal de la discussión	The Constitution of the Hill Cons	
			GNEC is aangestel deur die volgende	The Scoping report and all future	
			eiendomme om te registreer as I&AP	reports will be forwarded to you.	
			vir die voorgestelde damme op die		
			plaas Houdenbek.		
			Ons verteenwoordig die volgende		
			eiendomme:		
			1 – Leeuwenhoek – T36588/2005		
			2 – Zuurvlakte – T55074/2007		
			3 – Winkelhaak – T4841/2009		
			4 – Nouga – T17855/2014		
			5 – Championberg – T47848/2016		
			Sal julle ons asb van alle inligting		
			voorsien deur die proses om ons in		
			die posisie te plaas om die nodige		
			impakte op		

20	22-04- 2017	Antoy & Rory Mitchell		die genoemde eiendomme te bepaal. Ek kry nie die projek op jul webtuiste nie, maar neem aan dis omdat jul nognie met die formele EIA begin het nie. Sal julle asb bevestig dat ons geregistreerd is en ook wanneer julle met die proses sal begin asb. Appendix F5.6.20 I have just learnt that there is a proposal to build an in-stream dam on the above property on a tributary of the Doring River . Our property is downstream on the Doring River and I would like to know why we were not contacted directly about this project as required by law.	The Scoping report and all future reports will be forwarded to you.	EnviroAfrica
21	10-11-2017	DEADP (D Mathews)	16/3/3/6/7/1/B5/ 2/1367/17	Appendix F5.6.21/App 6.1.1 Acknowledgment and Acceptance of the NOI 1. The correspondence dated 26 October 2017, as received by the Department on 2 Nov 2017 refer 2. Review of information submitted to the department:	 Noted Please see review measurements as stated in the Scoping report and Prelim Design Report from the engineers Appendix 7. 	

	D		
	Dam wall length: 270m		
	Dam wall height: 13m		
	 Dam capacity: 250 000m³ 		
	 Dam surface area: 5ha 	3.	
	3. Please note the following		
	advice pertaining to the NOI:	3.1 This was discussed in the	
	3.1 It is noted that a NOI for the	Pre-Application meeting held	
	construction of Harmony	with DWS and DEADP, it was	
	Dam on the same property	decided to do the two dams	
	description a the Toeka Dam	as two separate applications	
	is being proposed. You are	so the objection against one	
	required to provide an	dam does not impact the	
	explanation as to why two	other application.	
	separate NOI's have been		
	submitted, since the		
	applications are the same for		
	both dams. Furthermore, the		
	Department recommends		
	that one process be followed		
	for the two dam options		
	being proposed instead of		
	two separate processes.		
	3.2 Section 5.2 of the NOI form	3.2 Noted. Sarel Bester Engineers	
	indicates the requirement	is conducting the WULA. Proof to	
	for the WULA ito the	be provided once the WULA is	
	National Water Act. In terms	logged.	
	of the Agreement for the		
	One Environmental System		
	(sect 50A of the NEMA and		
	sections 41(50 and 164A of		
	the NWA) the processes for		
	a WULA and for an EIA must		
	be aligned and intergrated		

with respect to the fixed
with respect to the fixed
synchronised timeframes, as
prescribed in the EIA Regs,
2014 (as amended) as well as
the 2017 WUAL Regs
Process:
4. A Scoping/ EIR must be
followed in order to apply 4. Noted and agreed. Please
for EA. Only those activities refer to the Pre-App
applies for shall be Scoping and plan of study
considered for authorisation. for comment.
The onus is on the applicant
to ensure that all the
applicable listed activities
are applies for and assessed
as part of the Scoping/ EIR
process
5. You are advised that when 5. Noted and agreed. Please
undertaking the Scoping/ EIR refer to the Pre-App
process, you must take into Scoping and plan of study
account the applicable for comment.
guidelines including the
guidelines developed by the
Department. The
Department's guidelines can
be downloaded from the
Departments website In
particular guidelines stated
in the acknowledgement
letter from DEADP (10-11-
2017) should be followed.
6. Please ensure the Scoping, 6. Noted and Agreed.
EIR and EMPr contains all the

	information outlined in App			
	2,3,5 of the GN No. 326.			
<u>P</u>	ublic Participation:			
7	A PPP that meets the	7.	Noted and agreed and	
	requirements of Reg 41 of		initial round of ppp was	
	the EIA Regs, 2014 (as		conducted. Please refer	
	amended) must be		to Appendix 5.1.	
	undertaken. You are advised			
	that pp may undertaken			
	prior to the submission of			
	the application, although this			
	is not mandatory. It is that			
	EAPs discretion at what			
	stage the requirements of			
	Reg 41 are met, whether			
	during the proposed			
	application (pre-application)			
	process or formal application			
	process. You are reminded			
	that a period of at least 30			
	days must be provided to all			
	potential or registered I&APs			
	to submit comment on the			
	Scoping/EIR and EMPR.			
8	Should a PPP which nuclide			
	the circulation pre-app	8.	Noted and agreed. Please	
	Scoping for comment be		refer to the Pre-App	
	undertaken prior to		Scoping and plan of study	
	submission of an Application		for comment.	
	to the Department, in terms			
	of Reg 40, the pre-app			
	Scoping may be submitted to			
	the Department for			

	9.	comment. Please ensure a minimum of two printed copies pd the pre-app scoping is submitted to the Department for comment. In terms of Section 240(2) and (3) of NEMA and Regs 7(2) and 43(2) of the EIA Regs, 2014(as amended), any state department and	9. Noted and agreed. The Pre-App Scoping and plan of study will be sent out the all I&APs and state organisations for	
		administers a law relating to a matter of affecting the environment relevant to the application must be requested to comment within 30 days, Pleas not the EAP is responsible for such consultation, therefore, is requested that the EAP included proof of such notification to the relevant State Department in term of	comment. Proof to be proved in the next round.	
	10	Section 240(2) and (3) of NEMA in the Scoping and EIR. D. Please note that it is an offence in terms of Section 49A(1)(a) of the NEMA for a	10. Noted and Agreed	
		person to commence with a listed activity unless the CA has granted an EA. Failure to comply shall result in the matter being referred to the		

	Environmental Compliance and Enforcement Directorate of this Department. A person convicted of an offence in term of the above is liable to a fine not exceeding R10 million or to imprisonment for a period not exceeding 10years, or both. 11. Please note that eh pre- application consultation is an advisory process and does not pre-empt the outcome of any future application which may be submitted to the Department. 12. The Department has the right to revise or withdraw comments or requests further information based on any information received.	
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