



BREED-GOURITZ
CATCHMENT MANAGEMENT AGENCY

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Your Ref: 16/3/3/6/7/1/B5/2/1373/18

Our Ref: 4/10/2/H10B/Farm Ezelsfontein 384/6

Date: 03/12/2018

Doug Jeffery Environmental Consultants (Pty) Ltd
PO Box 44
KLAPMUTS
7625
lindsay@dougieff.co.za

Attention: Lindsay Speirs

COMMENT: DRAFT SCOPING REPORT (DSR) FOR THE PROPOSED WILGENHOF DAM AND ASSOCIATED INFRASTRUCTURE ON PORTION 6 OF FARM EZELSFONTEIN NO 384 AND PORTION 10 OF FARM 383, CERES.

The DSR of the public participation process for the proposed Wilgenhof Dam and associated infrastructure on portion 6 of Farm Ezelsfontein no 384 and portion 10 of Farm 383, Ceres received by the Breede-Gouritz Catchment Management Agency (BGCMA) on behalf of Wilgenhof 383 Boerdery (Pty) Ltd on 07 November 2018 has reference.

BGCMA has no objection to the proposed activities until the Water Use Application Report (WUAR) has been included in the Environmental Impact Report as indicated in 2.4 section of this DSR and submitted to BGCMA for evaluation. The WUAR should include both the Dam construction's triggered water uses and proposed sand borrow area's triggered water uses as the sand borrow area seem to be along the regulated area of the Titus River.

PLEASE NOTE: An online Water Use Licence Application for all the water uses of the National Water Act, 1998 (Act no 36 of 1998) triggered by the proposed activities would have to be lodged under the link <http://164.151.129.107/ewulaasprod/>. The online link should be utilized after the WUAR has been submitted for evaluation and BGCMA commented on it.

General

- No water must be taken from a water resource for any purpose without authorisation from the National Water Act, 1998 (Act 36 of 1998).
- No waste or water containing waste may be disposed without authorisation from the National Water Act, 1998 (Act 36 of 1998) and National Environmental Management: Waste Act, 2008 (Act 59 of 2008).
- All relevant sections and regulations of the National Water Act, 1998 (Act 36 of 1998) regarding water use must be adhered to.
- No pollution of surface water or groundwater resources may occur.
- Stormwater management must be addressed both in terms of flooding, erosion and pollution potential.
- No stormwater runoff from any premises containing waste, or water containing waste emanating from industrial activities and premises may be discharged into a water resource. Polluted stormwater must be contained.

Please be advised that no activities may commence without the appropriate approvals/authorizations where needed from the responsible authority. The onus remains with the registered property owner to confirm adherence to any relevant legislation that such activities might trigger and/or need authorisation for.

This office reserves the right to amend and revise its comments as well as to request any further information.

Please do not hesitate to contact this office if you have any further queries. Please ensure to quote the above reference in doing so.

Yours faithfully,



JAN VAN STADEN
CHIEF EXECUTIVE OFFICER (ACTING)

SCIENTIFIC SERVICES

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reference SSD14/2/6/1/9/6/384-6_383-10_Dam_DSR_Ceres
date 30 November 2018

Lindsay Speirs
Doug Jeffery Environmental Consultants
P O Box 44
Klapmuts
7625

By email: lindsay@dougjeff.co.za

Dear Lindsay,

RE: CapeNature comment on the Pre-Application DSR for the proposed Wilgenhof dam and associated infrastructure on portion 6 of farm Ezelsfontein no 384 and portion 10 of farm 383, Ceres

DJEC Ref. No: 2018/09

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. The Western Cape Biodiversity Spatial Plan of 2017 indicates an aquatic CBA buffered by an ESA 2 along the watercourse on portion 10 of Farm 383. There is an ESA 1 in the northern section of portion 6 of farm 384 and an ESA 2 along the water course / drainage line traversing across the central area of this property. The CBAs and ESAs have been correctly reflected in the report and associated maps as has their desired management state. With reference to page 33, under point 6.3 of the report, please note a small point of correction: the Biodiversity Spatial Plan of 2017 is a product of DEA&DP and CapeNature and should be referred to as the Western Cape Biodiversity Spatial Plan (WCBSP 2017).
2. The mapped natural vegetation for the area is Ceres Shale Renosterveld across both properties. This is classified as Vulnerable with the criterion informing this status being A1: Irreversible loss of natural habitat. It is noted that the proposed dam site is located entirely on frequently used agricultural land with no natural vegetation remaining at the site of the proposed dam. Likewise the site of the abstraction point and pipeline are located along an existing road and within disturbed areas. Thus there is likely to minimal if any impact on the above mentioned indigenous vegetation (Ceres Shale

The Western Cape Nature Conservation Board trading as **CapeNature**

Board Members: Prof Denver Hendricks (Chairperson), Prof Gavin Maneveldt (Vice Chairperson), Ms Marguerite Bond-Smith, Mr Mervyn Burton, Dr Colin Johnson, Prof Aubrey Redlinghuis, Mr Paul Slack

Renosterveld). It is noted that the purpose of the development is to irrigate existing lands and that no future clearing of any indigenous vegetation in other parts of either property is foreseen.

3. It is noted that the dam is not instream. The proposed off-channel dam has a small 0.5 km² catchment area. Further information regarding freshwater impacts, particularly those associated with the proposed borrow area, will be identified in the freshwater assessment that is being undertaken as part of this process by BlueScience and will be responded to accordingly in the next phase of the process. As an initial comment, the proposed use of the existing borrow area near the Titus River appears to be the most expedient option in terms of minimising impacts on biodiversity. The preliminary recommendations made by the Freshwater Ecologist regarding the need for the disturbance to remain within the current footprint are supported.
4. Based on the information available at this stage we concur that in relation to the alternatives presented, the preferred alternative siting of the dam results in the lowest impact on biodiversity. Mitigation measures noted in relation to erosion control are supported. The pulling back of the existing cultivated land back from the watercourse is supported. Active revegetation of the water course corridor is supported.

CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.

Yours sincerely



Philippa Huntly For: Manager (Scientific Services)



DIRECTORATE: DEVELOPMENT MANAGEMENT
(REGION 1)

REFERENCE: 16/3/3/6/7/1/B5/2/1373/18

ENQUIRIES: D. Matthews

DATE OF ISSUE: 2018 -11- 3 0

The Board of Directors
Wilgenhof 383 Boerdery (Pty) Ltd
P. O. Box 116

CERES
6835

Attention: Mr A. Cillie

Cell: 083 303 6005

Email: rek@forelleplaas.co.za

Dear Sir

COMMENT ON THE PRE-APPLICATION DRAFT SCOPING REPORT ("SR") FOR THE PROPOSED WILGENHOF DAM AND ASSOCIATED INFRASTRUCTURE ON PORTION 6 OF FARM EZELSFONTEIN NO. 384 AND PORTION 10 OF FARM NO. 383, CERES

1. The pre-application draft SR dated October 2018, as received by the Department on 30 October 2018, refers.
2. The proposal entails the construction of a dam and associated infrastructure, with the following specifications:
 - 2.1 Dam wall height: 9m
 - 2.2 Storage capacity: 320 000m³
 - 2.3 Surface area: 7.8ha
 - 2.4 A new pump station on Titus River.
 - 2.5 The extension of the existing 200mm diameter pipeline to the new dam.
 - 2.6 A 10m wide by 100m long approach channel to the new pump station.
 - 2.7 A 2m wide by 25m long sliding steel structure within the approach channel on which the river pumps will be installed.
3. The Department has the following comments that must be addressed and included in the in-process SR:
 - 3.1 Page 2 of the pre-application draft SR describes the dam as being off-channel, however, through the pre-application draft SR, the dam is described as being located within an unnamed tributary of the Titus River. Clarity regarding whether the dam is in-stream or off-channel must be provided.

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- 3.2 The requirement for a Water Use Licence Application ("WULA") in terms of the National Water Act, 1998 (Act No. 36 of 1998) ("NWA") is noted. In terms of the Agreement for the One Environmental System (section 50A of the NEMA and sections 41(5) and 163A of the NWA) the processes for a WULA and for an EIA must be aligned and integrated with respect to the fixed and synchronised timeframes, as prescribed in the EIA Regulations, 2014 (as amended), as well as the 2017 WULA Regulations.
 - 3.3 The Department notes that the proposal triggers Section 38(1) of the National Heritage Resources Act, 1999 (Act No. 25 of 1999) ("NHRA"). Please note that in terms of the Standard Operating Procedure ("SOP") between this Department and Heritage Western Cape ("HWC"), which came into effect on 1 July 2014, should Section 38(1) of the NHRA be triggered, a Notice of Intent to Develop ("NID") must be submitted to HWC. Furthermore, a copy of the NID must simultaneously be submitted to this Department. If the Environmental Assessment Practitioner ("EAP")/Heritage Practitioner is of the opinion that the development/activity will not change the character of the site, a request for confirmation of the applicability of Section 38(1)(c) of the NHRA must be submitted to HWC.
 - 3.4 It is recommended that a Maintenance Management Plan ("MMP") that addresses all maintenance activities for infrastructure to be constructed as part of the development must be included in the Environmental Impact Assessment Report ("EIAR"). The PoS for the EIA phase must be updated to include this aspect.
4. Regulatory requirements:
- 4.1 Proof of the notifications and the copies of the notifications letters sent to registered I&APs for the comment on the pre-application draft SR must be included.
 - 4.2 All representations and comments received during the pre-application commenting period must be included in the in-process draft SR and any responses by the EAP to those representations and comments must be tabulated in a comments and response report.
 - 4.3 The minutes of any meetings held by the EAP with I&APs and other role players which record the views of the participants.
 - 4.4 Please be advised that an original signed and dated applicant declaration is required to be submitted with the final SR to this Department for decision-making. It is important to note that by signing this declaration, the applicant is confirming that they are aware and have taken cognisance of the contents of the report submitted for decision-making. Furthermore, through signing this declaration, the applicant is making a commitment that they are both willing and able to implement the necessary mitigation, management and monitoring measures recommended within the report with respect to this application.
 - 4.5 In addition to the above, please ensure that original signed and dated EAP and specialist declarations are also submitted with the final SR for decision-making.
5. You are reminded that the SR must contain all the information outlined in Appendix 2 of Environmental Impact Assessment ("EIA") Regulations 2014 (as amended).

6. Kindly quote the above-mentioned reference number in any future correspondence in respect of the application.
7. Please note that the activity may not commence prior to an environmental authorisation being granted by the Department.
8. The Department reserves the right to revise initial comments and request further information based on the information received.

Yours faithfully



HEAD OF COMPONENT

ENVIRONMENTAL IMPACT MANAGEMENT SERVICES: REGION 1

DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING

CC: (1) Ms L. Speirs (Doug Jeffery Environmental Consultants)
(2) Mr J. Barnard (Witzenberg Municipality)

Fax: (086) 660 2635
Fax: (086) 523 6339

From: [Lindsay Speirs](#)
To: [Bronwyn Gibson](#)
Subject: FW: (Job 26526) Proposed Wilgenhof Dam and Associated Infrastructure
Date: Monday, 12 November 2018 14:41:27
Attachments: [image002.png](#)
[image004.png](#)

Please save for Wilgenhof and please start a C&R.

Lindsay Speirs

Senior Consultant | BA, BA Hons, MA
Cell: 083 289 8727



DOUG JEFFERY ENVIRONMENTAL CONSULTANTS

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From: Doug Jeffery <doug@dougjeff.co.za>
Sent: 12 November 2018 02:31 PM
To: Lindsay Speirs <lindsay@dougjeff.co.za>
Subject: FW: (Job 26526) Proposed Wilgenhof Dam and Associated Infrastructure

See email below

Regards

Doug Jeffery

Director | MSc. PrSciNat.
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From: Devlin Fortuin <Devlin.Fortuin@westerncape.gov.za>
Sent: Monday, November 12, 2018 12:02 PM
To: Doug Jeffery <doug@dougjeff.co.za>
Cc: Lyle Martin <Lyle.Martin@westerncape.gov.za>
Subject: (Job 26526) Proposed Wilgenhof Dam and Associated Infrastructure

Good Day

Your letter to this Branch dated 29 October 2018 refer.

This Branch offers no objection to the issuing of the environmental authorization in terms of NEMA.

The proposed extension of the pipeline crossing Divisional Road 1447 would require

wayleave approval from this Branch.

Kind Regards

Devlin Fortuin *PrEng, BSc(Eng)*
Production Engineer
Directorate: Road Planning
Transport and Public Works
WESTERN CAPE GOVERNMENT

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