BREEDE-OLIFANTS
CATCHMENT MANAGEMENT AGENCY

A. Corner Mountain Mill & Eastlake Road.
Worcester. Western Cape.
South Africa 6850

T. 023 346 8000 E. info@bocma.co.za W. www.breedegouritzcma.co.za

Enquiries: S.Lupa **E-mail**: slupa@bocma.co.za **Fax**: 023-3472012
Your Ref No: N/A **Our Ref**: 4/10/2/H10B/Farm 383/26, Ceres **Date**: 31/03/2026

EnviroAfrica cc
Private Bag X29
SOMERSET WEST
7129
bianca@enviroafrica.co.za/admin@enviroafrica.co.za

Attention: Bianca & Margaret

COMMENTS: NOTIFICATION FOR THE INTENTION TO SUBMIT A NEMA APPLICATION FOR THE PROPOSED CONSTRUCTION OF THE NEW JADE HILLS DAM ON PORTION 26 OF FARM STINKFONTEIN NO 383, CERES.

The Breede-Olifants Catchment Management Agency (BOCMA) has received the application notification as indicated above on 04 March 2026.

The observations on the notification's letter of intent are outlined below. Consequently to the observations, the outlined recommendations and conclusion need to be adhered to.

OBSERVATIONS

1) This is an initial notification to the Interested and Affected Parties (I&AP) for the intention to submit a NEMA application for the proposed construction of the New Jade Hills Dam on Portion 26 of Farm Stinkfontein No 383, Ceres;
2) The new dam will store winter water for summer irrigation on Portion 26 of Farm Stinkfontein No 383, Ceres;
3) The dam will be of ±110 000 m^3 capacity and a maximum wall height of ±12.5 m on a ±2.3 ha surface area; and
4) There will also be a 700 m pipeline with a diameter of 150 mm to deliver water from the Jade Hills Delivery Point through gravity feed.

RECOMMENDATIONS AND CONCLUSION

1) A background information on the authorised water uses currently in practice in the Farm that will feed the proposed dam must be provided in the NEMA application. This background information must include any information on whether there's an existing winter water Licence or intention to apply for one which will justify the need to construct a ±110 000 m^3 capacity dam;
2) The proximity of the intended pipeline route to the nearby watercourses and its effect on the watercourses must be clear as well in the NEMA application; and
3) Comprehensive comments will be provided on the Pre-App BAR which will have all the information with regards to details of the intended activities.

Therefore, BOCMA will wait for the first phase of the NEMA application to be submitted for comments before any water use of the National Water Act, 1998 (Act No 36 of 1998) that would be triggered by the proposed activities can be identified and confirmed for a Water Use Licence Application (WULA).

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General conditions:

- All relevant sections and regulations of the National Water Act, 1998 (Act 36 of 1998) regarding water use must be adhered to.
- 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).
- No pollution of surface water and/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)

bianca@enviroafrica.co.za

From: bianca@enviroafrica.co.za
Sent: Tuesday, 24 March 2026 09:43
To: 'Elmo Maree'
Subject: RE: Jade Hills dam

Good morning, Elmo.

Thank you for the email.

Yes, no documents are available yet. I would advise waiting for the application, and then I can give you all the information.

Thank you.

Should you require any information, please do not hesitate to contact me.

Best regards,

Bianca Gilfillan (Ms)
Reg. EAP (EAPASA): 2023/7929

EnviroAfrica
Environmental Management and Impact Assessment
Omgewingsbestuur en Impakbeoordeling

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Postnet Suite 341, Private Bag X29, Somerset West 7129.
W: www.enviroafrica.co.za e: bianca@enviroafrica.co.za
BE100%GREEN, READ FROM THE SCREEN

From: Elmo Maree <Elmo.Maree@westerncape.gov.za>
Sent: Tuesday, 24 March 2026 09:41
To: bianca@enviroafrica.co.za
Subject: RE: Jade Hills dam

Good morning

I assume no documents are available yet, please register me as an I&AP.

I could give comment now if required, can you just explain the fase one and two of the dam. Otherwise I will wait for the application.

Regards

Mr Elmo Maree
Chief Industrial Technician
Sub-Programme: LandCare
Department of Agriculture
Provincial Government of the Western Cape
P.O. Box 53
Wellington
7654
-33.640269 19.007825

Room 205, Secondfloor, Wellington Centre, Church Street ,Wellington
Telephone: (021) 808 7822
Cell: 0844079513
Email: elmo.maree@westerncape.gov.za
Departmental Website: www.elsenburg.com
Provincial Website: www.westerncape.gov.za

From: bianca@enviroafrica.co.za <bianca@enviroafrica.co.za>
Sent: Monday, 23 March 2026 12:01
To: Elmo Maree <Elmo.Maree@westerncape.gov.za>
Subject: RE: Jade Hills dam

Hi daar.

Sien asb aangeheg.

Should you require any information, please do not hesitate to contact me.

Best regards,

Bianca Gilfillan (Ms)
Reg. EAP (EAPASA): 2023/7929

EnviroAfrica
Environmental Management and Impact Assessment
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W: www.enviroafrica.co.za e: bianca@enviroafrica.co.za
BE100%GREEN, READ FROM THE SCREEN

From: Elmo Maree <Elmo.Maree@westerncape.gov.za>
Sent: Monday, 23 March 2026 11:26
To: bianca@enviroafrica.co.za
Subject: Jade Hills dam

Goeie More

Kan ek asb die kmz vir die Jade Hills dam kry.

Gorete

Mr Elmo Maree
Chief Industrial Technician
Sub-Programme: LandCare
Department of Agriculture
Provincial Government of the Western Cape
P.O. Box 53
Wellington
7654
-33.640269 19.007825

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CATCHMENT MANAGEMENT AGENCY

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South Africa 6850

T. 023 346 8000 E. info@bocma.co.za W. www.breedegouritzcma.co.za

Enquiries: S.Lupa **E-mail**: slupa@bocma.co.za **Fax**: 023-3472012
Your Ref No: 16/3/3/6/7/2/B5/2/1432/26 **Our Ref**: 4/10/2/H10B/Farm 383/26, Ceres **Date**: 04/09/2026

EnviroAfrica cc
Private Bag X29
SOMERSET WEST
7129
bianca@enviroafrica.co.za/admin@enviroafrica.co.za

Attention: Bianca & Margaret

COMMENTS: AVAILABILITY OF THE PRE-APPLICATION SCOPING REPORT FOR THE PROPOSED CONSTRUCTION OF THE NEW JADE HILLS DAM ON PORTION 26 OF FARM STINKFONTEIN NO 383, CERES.

The Breede-Olifants Catchment Management Agency (BOCMA) has received the application notification as indicated above on 31 July 2026.

The observations on the Pre-Application Scoping Report and its appendices are set out below. The recommendations and conclusion are based on these observations and should be read accordingly.

OBSERVATIONS

1) This is a Pre-Application Scoping Report intended for the Interested and Affected Parties (I&AP) to provide comments for the proposed construction of the New Jade Hills Dam on Portion 26 of Farm Stinkfontein No 383, Ceres;
2) The new dam will store winter water for summer irrigation on Portion 26 of Farm Stinkfontein No 383, Ceres;
3) There's a Water Use Licence (WUL) for Section 21 (a) water use of the National Water Act (NWA), 1998 (Act No 36 of 1998) to abstract 110 000 m^3/a of winter water. The WUL is also for Section 21 (b) water use of the NWA to store this winter water on a 110 000 m^3 capacity dam which is the subject of this Pre-App Scoping Report;
4) It is noted that the area earmarked for the proposed construction of the Jade Hills Dam has an episodic drainage line which will be the subject of a Freshwater assessment to identify the associated impacts;
5) It is also noted that there will be a 700 m pipeline with a diameter of 150 mm to deliver water from the Jade Hills Delivery Point through gravity feed to the new Jade Hills Dam; and
6) Even though the proposed abstraction of winter water and construction of the Jade Hills Dan are authorised through the 2024 WUL, the associated impacts on the episodic drainage line will be identified through the Freshwater assessment report.

RECOMMENDATIONS AND CONCLUSION

1) BOCMA will wait for the availability of the Freshwater assessment report to identify any water uses of the NWA that will be triggered by the impacts associated with the construction of the dam and the water pipeline feeding it; and
2) Comprehensive comments will be provided on the next phase of the EIA process.

General conditions:

- All relevant sections and regulations of the National Water Act, 1998 (Act 36 of 1998) regarding water use must be adhered to.
- 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).
- No pollution of surface water and/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)

CONSERVATION INTELLIGENCE: LANDSCAPE CENTRAL

physical Assegaaibosch Nature Reserve Jonkershoek
website www.capenature.co.za
enquiries Alana Duffell-Canham
telephone +27 21 866 8000
email aduffell-canham@capenature.co.za
reference 9/6/383-26_Dam_JadeHills_Stinkfontein
date **20 August 2026**

Bianca Gilfillan
EnviroAfrica
Unit 7, Pastorie Park
Corner of Reitz and Lourens Streets
Somerset West
7130

By email: bianca@enviroafrica.co.za

Dear Ms Gilfillan

RE: The proposed Construction of the new Jade Hills Dam on Portion 26 of Farm Stinkfontein 383, Ceres, Western Cape - Pre - Application Scoping Report.
DEA&DP Reference: 16/3/3/6/7/2/B5/2/1432/26

CapeNature would like to thank you for the opportunity to comment on the pre-application Scoping Report and wish to make the following comments:

1. Historically, the site supported Ceres Shale Renosterveld, which is a Critically Endangered and poorly protected habitat type. We note that most of the site has been previously cultivated but we nevertheless support an ecological specialist study as any remnants of this vegetation type, or sites that can be rehabilitated are of high conservation importance.

2. The site is in a drainage channel and even though it is non-perennial, and the dam will be filled with water from the Titus River, the dam will be considered to be an in-stream dam which is not preferred. Therefore, there should be further discussion and comparison of off-stream alternatives and/or enlarging existing dams.

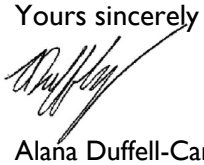
3. Cumulative impacts of additional storage in the catchment need to be considered and assessed by the freshwater specialist, especially as the Titus River is being increasingly impacted by dam applications. We acknowledge that the current landowner has existing water rights which are currently leased elsewhere but additional storage should not result in additional impacts such as deterioration of water quality in the Titus River, nor have negative impacts on downstream users. No abstraction should be done in the summer months (October to March).

CapeNature will provide additional comments once detailed specialist reports have been made available.

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

The Western Cape Nature Conservation Board trading as **CapeNature**
Board Members: Ms Reyhana Gani (Chairperson), Prof Nicolaas Olivier (Vice-Chairperson), Dr Wendy Annecke, Mr Tom Blok, Ms Ayanda Mvandaba, Ms Vuyiswa Ndzakana, Dr Razeena Omar, Ms Chwayita Shude-Mareka.

Yours sincerely



Alana Duffell-Canham

The Western Cape Nature Conservation Board trading as **CapeNature**
Board Members: Ms Reyhana Gani (Chairperson), Prof Nicolaas Olivier (Vice-Chairperson), Dr Wendy Annecke, Mr Tom Blok, Ms Ayanda Mvandaba, Ms Vuyiswa Ndzakana, Dr Razeena Omar, Ms Chwayita Shude-Mareka.

Department of Environmental Affairs and Development Planning
Bernadette Osborne
Directorate: Development Management, Region 1
Bernadette.Osborne@westerncape.gov.za | Tel: 021 483 3679

REFERENCE: 16/3/3/6/7/2/B5/2/1432/26
DATE OF ISSUE: 13 July 2026

The Board of Directors
Jade Hills Farming (Pty) Ltd
Po Box 72
CERES
6835

Attention: Mr. Jean Faul

Cell: 083 256 2567
E-mail: jeanfaul@lando.co.za

Dear Sir

NOTICE OF INTENT ("NoI") TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998) ("NEMA") AND THE 2014 ENVIRONMENTAL IMPACT ASSESSMENT ("EIA") REGULATIONS FOR THE PROPOSED CONSTRUCTION OF THE NEW JADE HILLS DAM ON PORTION 26 OF FARM STINKFONTEIN NO. 383, CERES.

1. The electronic copy of the NoI received by this Department's Directorate: Development Management, Region 1 ("this Directorate") on 1 July 2026, refers.

2. This letter serves as an acknowledgement of receipt and as comment on the NoI.

3. Following the review of the information submitted to this Directorate, is noted that:
   - The proposed development entails the construction of the New Jade Hills Dam on Portion 26 of Farm Stinkfontein No. 383, Ceres.
   - The proposed dam will have a storage capacity of 110 000m³, a maximum wall height of approximately 11.1 meters, a wall length of approximately 237 meters, an inundation area of approximately 1.7 hectares and a footprint of approximately 2 hectares.
   - The proposal also includes a 700 meters long pipeline with a diameter of approximately 150 millimeters, a pump house of approximately 40 square meters and associated infrastructure.
   - According to the available mapping resources indigenous vegetation is present on the site, namely Ceres Shale Renosterveld vegetation, which is classified as a critically endangered ecosystem.
   - According to the available mapping resources a watercourse is present on the site.
   - The site is zoned for Agricultural purposes and is located outside the urban area of Ceres.

Indigenous vegetation status

4. Please note that the vegetation status of Ceres Shale Renosterveld vegetation is not classified as vulnerable but as critically endangered according to the National Environmental Biodiversity Act, 2004 (Act No. 10 of 2004) dated 18 November 2022. This must be corrected in the Draft Scoping Report.

Screening Tool

5. The "Procedures for the Assessment and Minimum Criteria for Reporting on identified Environmental Themes in terms of Sections 24(5)(a) and (h) and 44 of the National Environmental Management Act, 1998, when applying for Environmental Authorisation" ("the Protocols") were published on 20 March 2020 (Government Notice No. 320 as published in Government Gazette No. 43110 on 20 March 2020) and it is noted that some of the Protocols are applicable to your proposed development. According to the Protocols, before commencing with a specialist assessment, the current use of the land and environmental sensitivity of the site under consideration identified by the screening tool must be confirmed by undertaking a site sensitivity verification. The outcome of the site sensitivity verification must be recorded in the format of a report and must be appended to the Basic Assessment Report.

6. This Directorate notes that the Screening Report for the dam (dated 23 March 2026) has identified twelve specialist studies to be conducted. Confirmation of the relevant specialist studies and a motivation as to why some of these specialist studies will not be conducted have been included in a Site Sensitivity Verification Report ("SSVR").

7. This Directorate notes that a Freshwater Impact Assessment and a Terrestrial Biodiversity Impact Assessment will be conducted.

8. Please note that comments from Heritage Western Cape must be obtained to confirm whether any further studies will be required. **Although Heritage Western Cape confirmed more than 5 years ago on the previous lapsed application that there was no reason to believe that the proposed development would impact heritage resources, a revised comment must be obtained.**

9. **Furthermore, should any authority that has jurisdiction in respect of any aspect of the proposed development request that further specialist studies be conducted, and where the request is supported by this Directorate, this must take precedence.**

Water Use License

10. It is noted that the proposed dam triggers water uses in terms of Section 21 of the National Water Act, 1998 (Act No. 36 of 1998) and therefore requires a Water Use License. Please note that the Water Use License from the water authority must be included in the Final EIA Report. It is noted that existing lawful water use is available. Confirmation of the existing lawful water use must be included in the Scoping Report.

Process

11. Having considered the information contained in the NoI, the Department concurs that the proposed development constitutes listed activities as defined in terms of the NEMA EIA Regulations, 2014.

12. In light of the activities identified, you are herewith advised that a Scoping / Environmental Impact Reporting process must be followed in order to apply for Environmental Authorisation. Only those activities applied for shall be considered for environmental authorisation. The onus is on the applicant to ensure that all the applicable listed activities are applied for and assessed as part of the Scoping / Environmental Impact Reporting process.

13. You are advised that when undertaking the Scoping / Environmental Impact Reporting process, you must take into account all applicable guidelines, including the guidelines developed by the Department. These can be downloaded from the Department's website, (http://eadp-westerncape.kznsshf.gov.za/your-resource-library/policies-guidelines). In particular, the guidelines that may be applicable to the proposed development include, inter alia, the following:
    - Circular EADP 0028/2014: One Environmental Management System.
    - Guideline for the Review of Specialist Input in the EIA process (June 2005).
    - Guideline for Environmental Management Plans (June 2005).
    - Guideline on Alternatives (March 2013).
    - Guideline on Need and Desirability (March 2013).
    - Other (as applicable).

14. Please ensure the Scoping Report contains all information requirements outlined in Appendix 2 of the EIA Regulations, 2014.

Public Participation

15. **A public participation process ("PPP") that meets the requirements of Regulation 41 of the EIA Regulations, 2014 must be undertaken. You are advised that public participation may be undertaken prior to the submission of the application, although this is not mandatory. It is the Environmental Assessment Practitioner's discretion at what stage the requirements of Regulation 41 are met, whether during the proposed application (pre-application) process or formal application process. Please ensure that the newspaper advertisement is placed after the submission of a notice of intent or the application form.**

16. You are reminded that a period of at least 30 days must be provided to all potential or registered interested and affected parties to submit comment on the Scoping Report.

17. Should a public participation process, which includes the circulation of the pre-application Scoping Report for comment, be undertaken prior to submission of an Application Form to the Department, in terms of Regulation 40, the pre-application Scoping Report may also be submitted to the Department for commenting purposes.

18. In terms of Section 24O (2) and (3) of NEMA and Regulations 7(2) and 43(2) of the EIA Regulations, 2014, any State Department that administers a law relating to a matter affecting the environment relevant to the application must be requested to comment within 30 days. Please note that the Environmental Assessment Practitioner ("EAP") is responsible for such consultation. Therefore, it is requested that the EAP include proof of such notification to the relevant State Departments in terms of Section 24O (2) and (3) of NEMA in the Scoping Report, where appropriate.

19. The Department awaits the submission of the Application Form or pre-application Scoping Report prescribed by the EIA Regulations, 2014. Please note that an electronic copy of the Application Form or pre-application Scoping Report must be submitted.

20. Please note that it is an offence in terms of Section 49A(1)(a) of the NEMA for a person to commence with a listed activity unless the Competent Authority has granted an Environmental Authorisation for undertaking it. Failure to comply with the requirements of Section 24F of the NEMA shall result in the matter being referred to the Environmental Compliance and Enforcement Directorate of this Department. A person convicted of an offence in terms of the above is liable to a fine not exceeding R10 million or to imprisonment for a period not exceeding 10 years, or to both such fine and imprisonment.

21. Please note that the 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.

22. No information provided, views expressed and/or comments made by officials during the pre-application consultation should in any way be seen as an indication or confirmation:
    - that additional information or documents will not be requested
    - of the outcome of the application

23. This Directorate reserves the right to revise or withdraw initial comments or request further information from you based on any new or revised information receive. Having considered the information contained in the NoI, this Directorate concurs that the proposed development constitutes a listed activities as defined in terms of the EIA Regulations, 2014 (as amended).

Yours faithfully



Digitally signed by Melanese Schippers
Date: 2026.07.13 13:30:27 +02'00'

pp HEAD OF COMPONENT
DIRECTORATE: DEVELOPMENT MANAGEMENT (REGION 1)
DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING

CC: (1) Ms. B. Gilfillan (EnviroAfrica) E-mail: bianca@enviroafrica.co.za
(2) Ms. H. Truter (Witzenberg Municipality) E-mail: heloise.truter@witzenberg.gov.za

Elmo Maree
Sustainable Resource Management
LandCare
Email: elmo.maree@westerncape.gov.za
tel: +27 21 8087822

Reference: WC/CW/1/040

DEA&DP Ref. Nr: **6/3/3/6/7/2/B5/2/1432/26**

Directorate: Land and Soil Management

Department of Agriculture

Qurantine Station,

Polkadraai Road,

Stellenbosch

7 August 2026

For attention: Me R. Ramukhesa (NDA); Bianca Gilfillan (EnviroAfrica)

THE PROPOSED CONSTRUCTION OF THE NEW JADE HILLS DAM ON PORTION 26 OF FARM STINKFONTEIN 383, CERES, WESTERN CAPE

Owner: Jade Hills Pty (LTD)

Farm name: Jade Hills

Property: Portion 26 of Farm Stinkfontein 383, Ceres, Western Cape

The Western Cape Dept. of Agriculture, Directorate: Sustainable Resource Management, sub-program LandCare has the following comments and recommendations on the proposed development :

Jade Hills is located approximately 5 km east of Ceres in the Witzenberg Local Municipality area, Western Cape.

The proposed development involves the construction of a new earthfill farm storage dam (hereafter referred to as the Jade Hills Dam), which will have an approximate storage capacity of 110 000 m³, a maximum wall height of approximately 11.1 m, a wall length of approximately 237 m, and an estimated inundation area of approximately 1.7 ha. The total development footprint is approximately 2.0 ha, on previously cultivated land.

The primary purpose of the proposed dam is to store surplus winter water derived from an existing lawful water use allocation associated with the Rietvalley Irrigation Scheme, for use during the dry summer months in support of existing agricultural activities on the property.

The proposed dam will be supplied with water via a new pipeline of approximately 700 m in length from the existing Jade Hills Delivery Point, together with associated operational infrastructure, including a small pumphouse.

Site coordinates (approximate centralThe proposed dam to be enlarged is situated at, -33° 22′ 31.67″ S; 19° 22′ 13.15″E.

Herewith comment on a draft assessment report that was provided by the consultant.

The proposed dam falls within the current water allocated to the farm from the Rietvalley Irrigation Scheme.

The Preliminary Design Report prepared by Sarel Bester Engineers indicates that the material required for the construction of the proposed dam wall is expected to be sourced primarily from within the proposed dam basin during excavation. Visual inspections undertaken during the engineering investigations indicate that sufficient suitable material is available on site. The more gravelly sandy material will be used as mass fill for the upstream and downstream embankments, while the more clayey material will be incorporated into the central core and cut-off trench. Formal geotechnical and soil investigations will be undertaken during the detailed design phase to confirm the suitability of these materials and identify any additional treatment or stabilisation requirements. No external borrow pits are currently proposed.

The owner is applying to develop the dam on the following area (single block indiciated on the attached map):

Camp No.	Size(ha)	Soil depth (mm)	Soil form	Soil series	Ave. Slope of land (%)	Dryland/ Irrigation
Area 1	±1.1-2	< 450 mm	Glenrosa and/or Mispah and		5-10 %	N/A

The veldt is classified as "Ceres Shale Renosterveld" according to CFM but is completely transformed.

1. As per the Conservation of Agricutlural Resource Act 43 of 1983 (CARA) legislation the landowner and/or user should :

1.1 Protect the cultivated land on his farm unit effectively against excessive soil loss as a result of erosion through the action of water and wind.

1.2 Protect the irrigated land on his farm unit effectively against waterlogging and salinization.

1.3 Not utilise the vegetation in a vlei, marsh or water sponge or within the flood area of a water course or within 10 meters horizontally outside flood area in a manner that causes or may cause the deterioration of or damage to the natural agricultural resources.

1.4 Should not develop any slopes more than 20% slope unless authorized in writing by the executive officer.

1.5 Remove and control all declared weeds and invasive plants as listed in Regulation 15, Table 3.

2. It is recommended that:

2.1 Category 1 and 2 Invasive alien plants, as listed in Table 3 of Regulation 15 of CARA, were identified on the property mostly against the Bree River. An invasive alien clearing plan should be submitted and followed.

2.2 It is ensured that the dams are waterproof as to not cause waterlogging in the fields/orchards/vineyards below the dam.

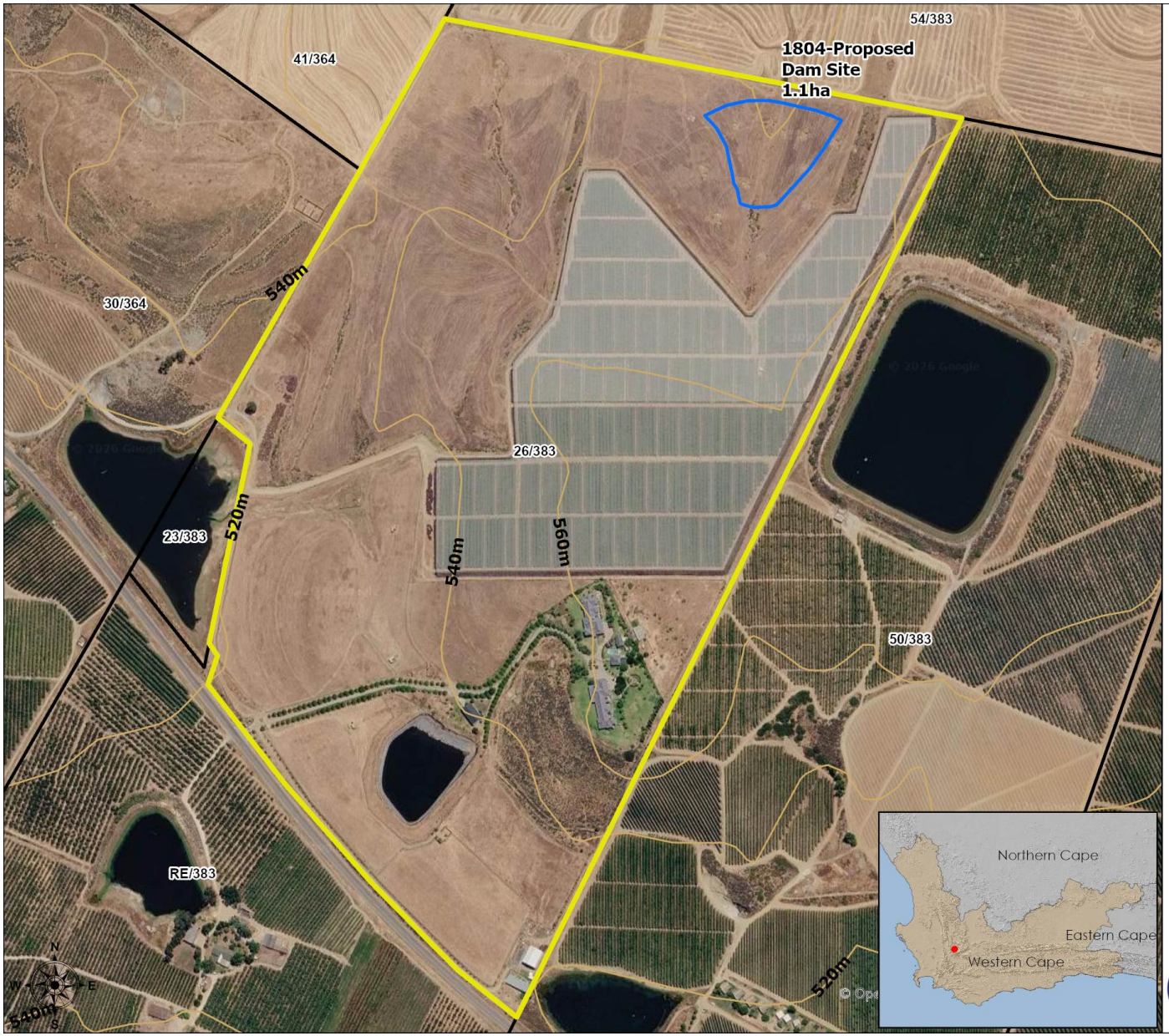
2.3 the spillways be constructed in a fashion that will not cause erosion. Erosion protection measures should be considered at the outlet pipe and spillway from the dam.

2.4 the dam wall be kept clear of any large shrubs or trees that could have an impact on the structural integrity of the dam.

the dam wall and areas surrounding the dam be revegetated with indigenous vegetation to reduce the potential for erosion, sedimentation and invasion with alien plants at the dam.The owner can contact the LandCare District manager at the Worcester office (021-808 7801) for further technical assistance.

Best regards,

Elmo Maree
Technicial: Cape Winelands District



Jade Hills

WC/CW/1/040

Discription

Map of dam application.
Farm: Jade Hills
Owner: Jade Hills Farming (Pty) Ltd
Farm Nr: 26/383
Official: Elmo Maree

Legend

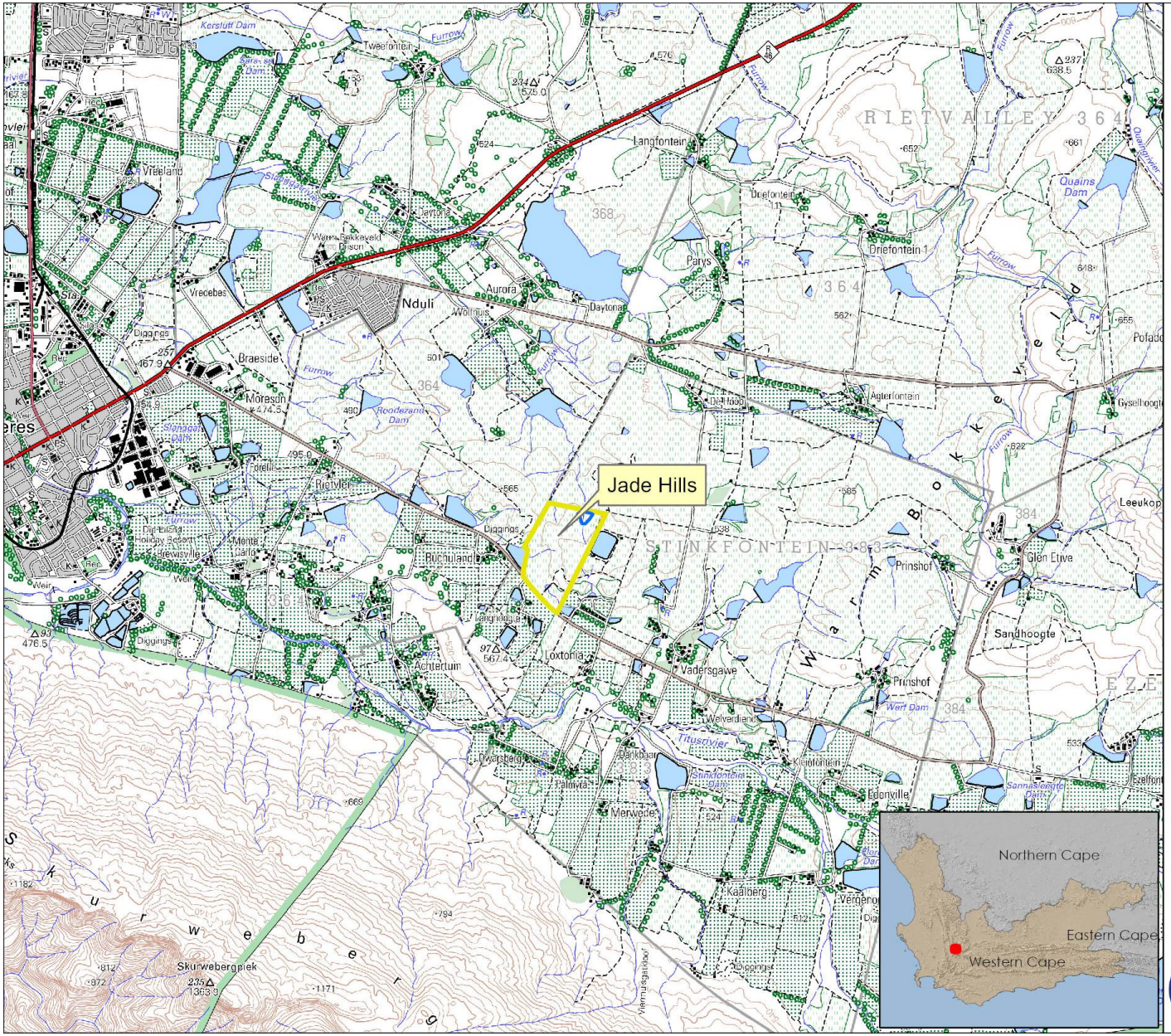
- 20m contours
- Proposed Dam
- Jade Hills Farm
- SG Farm Portions

Meters

0 50 100 150 200 250

Data source: LandCare
Date created: 2026/08/11
Liability disclaimed. Use at own risk.

Western Cape Government
Agriculture
FOR YOU



Jade Hills Topographical Map

WC/CW/1/040

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N
W E
S

Kilometers
0 0,5 1 1,5 2

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Western Cape Government
FOR YOU
Agriculture

bianca@enviroafrica.co.za

From: bianca@enviroafrica.co.za
Sent: Thursday, 06 August 2026 08:04
To: 'Nico Verhoef'
Cc: 'Admin'
Subject: RE: Jade Hills Pre-Scoping Report

Good morning, Nico

Thank you for the email.

You can address your comments to me.

Thank you.

Should you require any information, please do not hesitate to contact me.

Best regards,

Bianca Gilfillan (Ms)
Reg. EAP (EAPASA): 2023/7929

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Environmental Management and Impact Assessment
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c: +27 79 189 5060
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Postnet Suite 341, Private Bag X29, Somerset West 7129.
W: www.enviroafrica.co.za e: bianca@enviroafrica.co.za
BE100%GREEN, READ FROM THE SCREEN

From: Nico Verhoef <witzen.nico@gmail.com>
Sent: Wednesday, 05 August 2026 21:59
To: 'Admin' <admin@enviroafrica.co.za>; bianca@enviroafrica.co.za
Subject: RE: Jade Hills Pre-Scoping Report

Thank You Bianca

To whom do we address any comments should we have any?

Regards

Nico

From: Admin <admin@enviroafrica.co.za>
Sent: Friday, 31 July 2026 08:21
To: bianca@enviroafrica.co.za
Subject: Re: Jade Hills Pre-Scoping Report

Dear Registered Interested and Affected Party

NEMA PUBLIC PARTICIPATION PROCESS –
AVAILABILITY OF THE PRE-APPLICATION SCOPING REPORT

THE PROPOSED CONSTRUCTION OF THE NEW JADE HILLS DAM ON PORTION 26 OF THE FARM STINKFONTEIN NO. 383, CERES

DEA&DP reference: 16/3/3/6/7/2/B5/2/1432/26

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Comments are to be submitted to the:
EnviroAfrica CC
ATT: Bianca Gilfillan
P.O. Box 5367
Helderberg
7135
Tel: 021 8511616
E-mail: bianca@enviroafrica.co.za

Should you require any information, please do not hesitate to contact Bianca Gilfillan.

Best regards

Margaret Christians
BCom Human Resource Management

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bianca@enviroafrica.co.za

From: Steven Versfeld <steven@achtertuin.co.za>
Sent: Thursday, 06 August 2026 10:24
To: bianca@enviroafrica.co.za
Cc: 'Koekedouw Besproeings Raad'; admin@enviroafrica.co.za; fruit@vadersgawe.co.za
Subject: RE: Jade Hills Pre-Scoping Report

Good day

Please take note of an important limitation of the Rietvallei scheme. It is designed to deliver the allocated volume only in years when the scheme can run from mid-April until the end of September. This has happened no more than once or twice in the past 30 years. In a drought year it can be limited to as few as 60 days of pumping, hence the "60 days of less" requirement of the WUA. This is a **critical requirement** as the only alternative in the absence of sufficient pumping capacity to fill with surface water in 60 days or less, is to use ground water – in the very year that the ground water will be at it's most stressed.

Our concern as a WUA is that should the additional pumping capacity not be installed the producer will be forced to break the conditions of the license to survive a drought year.

Regards
Steven Versfeld
Titus River WUA

From: bianca@enviroafrica.co.za <bianca@enviroafrica.co.za>
Sent: Wednesday, 05 August 2026 12:51
To: kantoor.kbr@gmail.com
Cc: 'Admin' <admin@enviroafrica.co.za>
Subject: RE: Jade Hills Pre-Scoping Report

Dear Steven

Thank you for your comments regarding the proposed Jade Hills Dam.

We acknowledge your comments regarding the stressed groundwater conditions within Quaternary Catchment H10B and the importance of increasing storage of surplus winter surface water to reduce reliance on groundwater abstraction.

The Applicant confirms that the proposed dam is intended solely for the storage of surplus winter water associated with the existing lawful water use allocation from the Rietvalley Irrigation Scheme and will not be filled from boreholes.

Your requirement that the water transfer infrastructure be designed to enable the dam to be filled within 60 days or less has been noted and will be considered during the detailed engineering design and Water Use Licence process.

Thank you once again for your valuable input.

Should you require any information, please do not hesitate to contact me.

Best regards,

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Sent: Wednesday, 05 August 2026 07:50
To: 'Admin' <admin@enviroafrica.co.za>
Subject: RE: Jade Hills Pre-Scoping Report
Importance: High

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The Titus River WUA supports the building of dams to store surplus winter water. It is important to note that a ground water study commissioned in 2019 identified quaternary drainage area H10B as highly stressed and we therefore support more dams to store surplus surface water in order to reduce the reliance on a highly stressed aquafer.

Due to the stressed nature of the ground water supply it is a requirement of the Titus River WUA that dams built to store surplus surface water may not be filled from boreholes and must ensure that the infrastructure used to fill the dam is large enough to fill the dam in 60 days or less of pumping time. This may require an additional pump and pipeline to supplement what can be supplied by the Rietvlei pumping scheme.

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Steven Versfeld
Chairman Titus River WUA

Vriendelike Groete / Kind Regards

Nelmari Janse van Rensburg
Sekretariaat
Koekedouw Besproeiingsraad , Ceres Koekedouw Bestuurskomitee, Warmbokveld, Rooikloof Besproeiingsrade en Titus River Water User Association
Posbus 804

Ceres, 6835
Tel: 023 315 5569
Kantoor ure: 07:30 – 12:30
E-pos: **kantoor.kbr@gmail.com**
https://koekedouwdam.co.za/

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