

Verw: 1804WULA-W2

Datum: 14/05/2019

Breede-Gouritz Catchment Management Agency  
 5 Baring Street  
 Private Bag X3055  
 Worcester  
 6850

Attention: Me Elkerine Rossouw

**WATER USE LICENCE APPLICATION FOR STORING OF WATER IN PROPOSED NEW JADE HILLS DAM ON FARM STINKFONTEIN 383 PORTION 26, CERES DISTRICT, JADE FARMING PTY LTD**

On the instruction of our client, Mr Jean Faul, the representative of Jade Farming, we hereby apply on his behalf in terms of the National Water Act (Article 36), 1998, for a licence to store water in the proposed new Jade Hills dam on Farm Stinkfontein 383/26.

Article 36, 1998, Section 21	Description:	YES	Note
(a)	Taking water from a water resource		
(b)	Storing water	x	
(c)	Impeding or diverting the flow of water in a watercourse	x	
(d)	Engaging in a streamflow reduction activity contemplated in Section 36		
(e)	Engaging in a controlled activity identified as such in Section 37(1) or declared under Section 38(1)		
(f)	Discharging waste or water containing waste into a water resource through a pipe, canal, sewer, sea outfall or other conduit		
(g)	Disposing of waste in a manner which may detrimentally impact on a water resource		
(h)	Disposing in any manner of water which contains waste from, or which has been heated in, any industrial or power generation process		
(i)	Altering the bed, banks, course or characteristics of a watercourse	x	
(j)	Removing, discharging or disposing of water found underground if it is necessary for efficient continuation of an activity or for the safety of people		
(k)	Using water for recreational purposes		

**WULA FORMS: DW 758, DW762, DW901 & DW902**

## BACKGROUND

The farm, Stinkfontein 383 portion 26, was bought in 2013 from the previous owner who also owns the neighbouring property. However, the proportional water share in the private Rietvallei scheme had been leased and utilised on another neighbouring farm for many years, hence no footprint of any irrigation on the particular property under consideration. The recent transaction in fact included the transfer of the water use back onto the property, previously being farmed as a dry-land farm. Ending the long-standing water lease agreement and reverting back the use of the water onto the share-holding property, namely Stinkfontein 383/26, now unlocks the potential for developing about 10ha of fruit orchards. Refer **Appendix 1 & 2**.

The Rietvallei Scheme originates from the mid 1960's and was registered in June 1969 under **Article 62(2) of the Water Act No 54, 1956** with a permit issued to *Messrs Aurora Farms Pty Ltd and 6 others*. The permit mainly entails surplus winter water to be abstracted from the Titus River between 15 April to 30 September. We refer **Appendix 3**. The scheme originally consisted of contour earth trenches which was upgraded to pipelines at a later stage. The scheme currently has 8 abstraction points and serves a total of about 150ha over a few different properties, based on an application rate of 7 500m<sup>3</sup>/ha/a. The concerned property, Stinkfontein 383/26, also currently known as Jade Hills, has access to one of these original abstraction points, namely Loxtonia, which has an allocation of 8.6ha out of the total of 150ha.

The application therefore entails the proposed new Jade Hills dam for potting up this particular winter water use for summer irrigation on the concerned property. The concerned water use was never potted up before since the lack of storage capacity on the property. However, the new owner of the concerned property would like to ensure the productive use of this winter water use with the aim to establish an irrigated development on the previously dry-land farming property. Should the water use right be issued, an expansion of about 10ha of fruit orchards would be established, providing economic stability and job creation for a labour market that needs it urgently.

The proposed site is located within the Warmbokkeveld region about 5km east of the town Ceres as the crow flies and as shown in **Appendix 4**.

**MOTIVATION FOR APPLICATION:**

- 1 - *Jade Farming*, has both **land** and an existing **water** use available for the proposed dam and expansion of 10ha fruit orchards.
- 2 - Permanent as well as seasonal jobs will be created and ensured in the long term farming of the 10ha expansion on the relative small currently dry-land farm.
- 3 - An amount of about R200 000 has already been spent on consultations, technical surveys as well as first phases of environmental impact -, WULA & dam designs studies.

**APPLICATION:**

The main purpose of this license application is to store the existing transferred winter water permitted under the Rietvallei Scheme for summer irrigation on the recently bought farming unit.

The concerned property Stinkfontein 383/26 has never had storage available before since it was farmed as a unity with the neighbouring property. However, now that it has been separated from the 'supporting' farming entity, the idea is that the newly proposed dam would give the current owner the opportunity to expand its current dry-land farming with 10ha of fruit orchards.

This licence application does not include any 'new' taking of water and therefore no downstream users will be affected nor do we foresee any impact on the downstream environment.

The scheme water would be abstracted from its prior abstraction point and taken by pipeline to a point where it can be released to gravitate into the proposed dam. We refer **Appendix 5**.

- |                               |  |
|-------------------------------|--|
| i. <b>Applicant:</b>          | <b><i>Jade Farming Pty Ltd</i></b>         |
| ii. <b>Power of Attorney:</b> | <b><i>MC Bester (ID 6607095186082)</i></b> |
| iii. <b>Property:</b>         | <b><i>Stinkfontein 383 Portion 26</i></b>  |
| iv. <b>Owner:</b>             | <b><i>Jade Farming Pty Ltd</i></b>         |
| v. <b>Title Deed:</b>         | <b><i>T13043/2013</i></b>                  |
| vi. <b>DWS forms:</b>         | <b><i>DW758, DW762, DW901, DW902</i></b>   |

**vii. Water Availability on the concerned properties:**

The concerned Title Deed, as well as the water use Registration Certificate and the recent Validation & Verification process, driven by *Breede-Gouritz Catchment Management Agency*, were investigated for the concerned property and are listed as background in **Table 1** below. We refer to BGCMA correspondence regarding Stinkfontein 383/26 (C01900000000036800026), dated 16 Feb 2018.

**Table 1: Summary of current water uses:**

	<i>Source</i>	<i>Name of Source</i>	<i>Total Volume (m<sup>3</sup>)</i>
Stinkfontein 383 Portion 26 Jade Farming- T13043/2013			
<b>'TAKINGS'</b>			
1	Rietvallei Scheme (winter water) (8,6ha @ 7 500m <sup>3</sup> /ha/a)	Titus River Catchment	64,500
<b>'STORING'</b>			
1	NONE		NONE

**viii. Proposed New Jade Hills Dam:**

- Jade Hills Dam = **67 000m<sup>3</sup>** (Rietvallei Scheme)
- = this WULA

## 1. CLASIFICATION & REGISTRATION

The construction of a new reservoir is subject to the Dam Safety Legislation in terms of Chapter 12 of the National Water Act and one of the first steps in the process is to have the proposed dam classified in terms of dam safety regulations. The application was submitted on April 2018 to the Dam Safety Office and the dam was classified on 11 June 2018 as a Small Category II dam with a Significant hazard potential rating under reference 12/2/H101/FE.

## 2. PROCESSING FEE

The application processing fee of R114 was paid on 13 March 2019 with BGCMA reference number: WU9322. Refer **Appendix 6**.

## 3. ALTERNATIVES

Farm Stinkfontein 383 Portion 26, also known as Jade Hills, is a very small farm situated of ±53ha within the Ceres-basin with a rather flat topography and without any other alternative dam sites available on the property. This particular site however has a natural basin-like topography and is situated relatively higher than the area-to-be-developed and as a result requires less costly earthworks as well as having a gravity benefit when considering irrigation aspects, both having a positive economical impact.

Other than that there is no real viable alternatives, both the existing as well as the proposed farm infrastructure lends itself to this position. It also has the footprint available without disturbing natural vegetation.

## 4. “BBBE EMPOWERMENT”

*Also Refer to Section 27 (1)(b):*

Although the applicant, namely Jade Farming, is considered a Small-Medium Enterprise and has no official BEE project as such, the applicant does comply with standard BBEE Codes of Good Practice (2007) and has set a goal to redress the past racial & gender discrimination by committing to generate more permanent jobs for the previously disadvantaged groups in its local community, a community that urgently needs it (refer to Affidavit **Appendix 7**) Furthermore, the owner is committed to enable and empower the previously disadvantaged by establishing managing and decision-making opportunities to benefit their long-term permanent workers. With sound training and mentorship structures in place it will both enable and empower the previously disadvantaged. The current dry land farming entity supports and sustain about 5 permanent farm labourers with their families, of whom most have been on the original farm for many years. The current owner also supports the local farming labour community in various practical ways such as additional seasonal jobs as well as supporting and financing various socio-economic activities, including health- & child care services, transport to and from local schools, churches and sport functions.

The aim of the project is to establish ±8-10ha additional fruit orchards on the recently subdivided portion that only consisted of dry-lands before, and therefore not only economic growth will be promoted, but about 12 additional permanent employment opportunities will be generated in the process for a community that urgently needs it.

## 5. CROP INFORMATION

The property Stinkfontein 383/26, also currently known as Jade Hills, has always been farmed as the dry-land portion of a farming unit and therefore no current irrigated fields exist with no existing lawful water uses (ELU's) except for the transferred scheduled winter water under the privately owned Rietvallei Scheme.

## 6. ENVIRONMENTAL IMPACT STUDY

Government Notices R385, R386 & R387 of 21 April 2006, issued under Chapter 5 of the National Environmental Management Act, 1998 (Act 107 of 1998), also known as the "NEMA" procedures determine that *Jade Farming* application for the proposed new dam does trigger certain environmental aspects due to its wall height and therefore qualifies for a full EIA (Environmental Impact Assessment) study. The impact assessment and application is currently under way under the auspices of **Messrs EnviroAfrica** and the process is currently in the pre-application phase, the post-application BAR and the FINAL BAR to be submitted end June/July 2019 and November 2019 respectively. Approval is therefore to be expected by March 2020.

## 7. SPECIALIST STUDIES (in terms of Section 21 (c) & (i))

Since the proposed dam is situated within a historical drainage line, it was suggested that a Freshwater Verification as well as a Watercourse Verification, including a Risk Assessment should be done. *Scientific Aquatic Services* were appointed early 2019 to do these studies, refer to **Appendixes 10 & 11**.

Firstly, the conclusion of the Risk Assessment confirms that the proposed activity can be authorised by a confirmation of the **General Authorisation** process in terms of the water uses stipulated in Section 21(c) and (i) of the National Water Act, 1998 (Act No. 36 of 1998).

Secondly, the Freshwater Verification, confirms that the area in which the proposed dam is located is:

- significantly transformed due to extensive cultivation,
- there are no true wetlands or riparian resources,
- the episodic drainage line could historically have been more pronounced, and
- does not enjoy the protection as a watercourse in terms of the Water Act, 1998 (Act 36 of 1998) and therefore will not trigger a listed activity in terms of the National Environmental Management Act, 1998 (Act 107 of 1998)

## 8. HYDROLOGY

The location of the dam site lies within the H10B quaternary catchment under the auspices and care of the BGCMA. This is an in-stream dam situated within a tributary of the Dwars River, draining into the larger Breede River as shown on **Appendix 8**. The dam has a very small catchment with very little or no runoff and would be filled with water from the Rietvallei Scheme, delivered at the outlet as indicated on the Site Map. Therefore, for the purposes of this application a full hydrological study is considered unnecessary.

The relevant catchment properties according to the WRC Report (WR2012), also available on GIS-website of Dept Agriculture in cooperation with Elsenburg, are shown in the table below.

**Table 2:** shows the local catchment information in relation to the quaternary drainage area:

<b>Catchment (ELSENBURG Catchment Delineation Tool)</b>	<b>Quaternary:</b>	<b>Local Catchment</b>
Name / Description	<b>H10B</b>	<b>Jade Hills Dam</b>
Area [km <sup>2</sup> ]	162	0.13
Mean Annual Rainfall (MAP) [mm]	734	585
Mean Annual Run-off (MAR) [mm]	161	196
Gross Average Run-off (MAR) [x 10 <sup>6</sup> m <sup>3</sup> ]	26.16	0.007

## 9. PUBLIC PARTICIPATION

The Public Participation Process for the WULA licence application as per regulation was addressed by **Messrs EnviroAfrica** and was covered in the same advertised public notices as the environmental impact study or NEMA procedures require. Refer to **Appendix 9**.

## 10. WATER BALANCE

The water balance for this property is relatively simple, it has had no water use before the recent purchase thereof since it was farmed as a dryland property. However, it now has the transferred privately scheduled *Rietvallei* water which will be used for establishing 10ha of fruit orchards from as soon as the water can be potted up during the winter for summer irrigation.

	WATER USES	SOURCE	DEMAND	UTILIZATION
CURRENT	64 500m <sup>3</sup>	Rietvallei Scheme	-	
FUTURE	64 500m <sup>3</sup>	Rietvallei Scheme	64 500m <sup>3</sup>	(8,6ha fruit @ 7 500m <sup>3</sup> /ha/a)
BALANCE			-	

## 11. MONITORING PROGRAMME

The construction of the dam is solely based on storing scheduled winter water that could never be stored before. Besides the fact that the dam is situated within a very flat topography with a relative small catchment area of its own and therefore has little local run off water, we suggest that the inflow from the *Rietvallei* scheme should be metered as well as the outflow, ensuring that the dam only yield the existing use.

Accompanying this metering at the release point, we suggest that the dam would be equipped with a depth metering system that could be translated to the dam volume (m<sup>3</sup>) with a depth-volume curve.

**12. WATER ACT 36, 1998 SECTION 27 MOTIVATION****SUBMITTED**

For the purpose of completeness of this licence application in terms of Article 27(1) of the National Water Act, 1998, we state:

***This application is based on the storing of an already existing water use (scheduled water under the private Rietvallei Scheme). The property was recently subdivided and sold with the existing water use that could never be potted before due to inadequate storage capacity on the original property. The water use could therefore never be utilised to its full potential. With this application for the proposed new Jade Hills Dam, the water would be applied to its full potential and furthermore support agricultural development that will have a direct influence on the socio-economical status of the previously disadvantaged groups.***

**1. 27(1)(a): Existing Lawful Water Uses**

No existing lawful water use of any other surrounding or downstream users will be affected in any way by this application since it is based solely on the storage of an existing water use that was registered under the privately owned Rietvallei Scheme for the original property before subdivision. This application would however ensure the effective use of the water since the water could never be potted or utilised before on the original property due to the lack of storage capacity. The proposed new dam would therefore ensure the effective utilisation of the concerned water use.

**2. 27(1)(b): Redress results of past Racial and Gender Discrimination**

This application does not affect any other party but the contracting parties and no discrimination of any kind will be initiated, supported or corrected by this, but it will develop the current farming system and thereby stabilised existing and also generating additional permanent work opportunities in a labour market that needs it urgently. The labour market referred to consist mostly of the two previously disadvantaged groups, namely the brown and black communities.

Although the applicant, namely Jade Farming, is considered a Small-Medium Enterprize and has no official BEE project as such, the applicant does comply with standard BBBEE Codes of Good Practice (2007) and has set a goal to redress the past racial & gender discrimination by committing to generate more permanent jobs for the previously disadvantaged groups in its local community, a community that urgently needs it. Furthermore, the owner is committed to enable and empower the previously disadvantaged by establishing managing and decision-making opportunities to benefit their long-term permanent workers. With sound training and mentorship structures in place it will both enable and empower the previously disadvantaged.

The current dry land farming entity supports and sustain about 5 permanent farm labourers with their families, of whom most have been on the original farm for many years. The current owner also supports the local farming labour community in various practical ways such as additional seasonal jobs as well as supporting and financing various socio-economic activities, including health- & child care services, transport to and from local schools, churches and sport functions.

The project's aim is to establish ±8-10ha additional fruit orchards on the recently subdivided portion that only consisted of dry-lands before, and therefore not only economic growth will be promoted, but about 12 additional permanent employment opportunities will be generated in the process for a community that urgently needs it.

**3. 27(1)(c): Efficient and Beneficial Use of Water in Public Interest**

The motivation of this application is based on the productive and more beneficial use of the existing registered winter water by providing storage capacity to pot up the water during the winter surplus season for summer irrigation. The proposed new storage would therefore ensure the utilisation of water that could never have been stored or utilised before, furthermore also allowing for economic agricultural development of the land.

Since this application is solely based on the storage of an existing water use, the effective use thereof would therefore enable the expansion and development of another ±8-10ha of fruit, of

which the current application rate turning out to be within the very effective and DWS approved range of 8 000m<sup>3</sup>/ha/a.

4. **27(1)(d): Socio-Economic Impact**

As mentioned above, the more effective use of the ELU will not only create more seasonal job opportunities but is more aimed to create additional permanent job opportunities. This should benefit the socio-economic status of the local community since the labour market consist mostly of the two previously disadvantaged groups, namely the brown and black people which are without income for large parts of the year.

Since this application is solely based on the storage of registered water and no new water involved, the more effective use of the existing water use as such would therefore enable the expansion and development of another ±8-10ha of fruit, the current application rate turning out to be within the very effective and DWS approved range of 8 000m<sup>3</sup>/ha/a. Although the expansion is relatively small and only create about 12 additional job opportunities, including their families, it will however also ensure and sustain other permanent workers. In this fruit producing area, seasonal jobs are adequate, but the major socio-economic solution would be to ensure permanent opportunities.

Would this licence application not be authorised, all additional job opportunities, including giving the previously disadvantaged the opportunity to develop managerial, farming and business skills, as well as all initiating cost will be lost. Both of these aspects would therefore have disadvantageous effects on both the micro- and macro socio-economic impact on the farming community of that area.

5. **27(1)(e): Catchment Management Strategy**

No particular official strategy does exist and it is based primarily on DWS considerations. However, the Breede-Gouritz CMA is appointed by DWS to manage this particular larger Breede & Gouritz River catchment area whereas Titus River Irrigation Board is one of the smaller delegated entities to regulate water uses in this area in which the applicant's property is located.

6. **27(1)(f): Effect of Water Use on Water Resource and other Water Users**

This application does not involve any new water takings and therefore no surrounding or downstream water users will be affected in any significant way, nor would the water resource as such be impacted in any way.

7. **27(1)(g): Class and Resource Quality Objectives**

The Departmental classification and quality objectives of the specific resource is: **Class D: Largely Modified** (according to WR2005, Version 0.1)

8. **27(1)(h): Investments made in respect of Water Uses in Question**

**Primary capital expenditure** include consultations, liaison with the appointed Agent as well as with the Departments of Water & Sanitation and Environment, valuations and inspections which amounts to about **R50 000**.

**Secondary capital expenditure** followed such as the first site surveys and preliminary investigations regarding dam sites, preliminary dam designs and applications regarding water uses and amounts to approximately **R150 000**.

Thus, in total about **R 200 000** has already been invested in this project.

9. **27(1)(i): Strategic Importance**

This forms part of the National DWS strategy and is considered a Departmental affair managed by BGCMA.

10. **27(1)(j): Quality of Water required for the Reserve and meeting International Obligations**

The water use referred to in this application will not have any negative affect on the water quality of the Dwars River as such, being subjective to Departmental standards. The water use entails the proposed new storing of an existing water use under the privately owned Rietvallei Scheme and therefore no new water is taken, ensuring the status quo of the water quality. The application will also not have an effect on International obligations.

11. **27(1)(k): Probable Duration**

The stipulated development will be permanent.

**List of Appendixes**

- 1 - Property Sale Agreement regarding Private Water Use
- 2 - Rietvallei Scheme & Titus River Irrigation Board Approval Letter
- 3 - DWS Permit 1969
- 4 - Locality Map (1:75 000)
- 5 - Site Map
- 6 - Application Fee – Proof of Payment
- 7 - B-BEEE Exempted Affidavit
- 8 - Hydrology Map: Local Catchment Area (1:50 000)
- 9 - Proof of Public Participation Process
- 10 - Freshwater Risk Assessment – *Scientific Aquatic Services*, May 2019  
(Available on Request)
- 11 - Freshwater Verification - *Scientific Aquatic Services*, Jan 2019  
(Available on Request)

We trust for the above to be in order and will appreciate your attention in this regard.

Yours Sincerely



M Charl Bester (Pr Ing)

Copies to:	Mr Jean Faul, Jade Farming, Ceres
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# **APPENDIX 1**

## **Property Sale Agreement**

Warmbokveld Plase (Edms) Bpk

Posbus 257

Paarl

7620

19<sup>th</sup> November 2018

**Brede Gouritz Catchment Management Agency**

Geagte Meneer/Mevrou

**GEDEELTE 26 VAN DIE PLAAS STINK FONTEIN NR 383; RIETVALLEI  
BESPROEIINGSKEMA**

Hiermee bevestig ek Jill Gwendoline Whitfield as direkteur van Warmbokveld Plase (Edms) Bpk die volgende feite:

1. Ek is die direkteur van Warmbokveld Plase (Edms) Bpk en bevestig dat Warmbokveld Plase ook die eienaar is van die plaas bekend Gedeelte 50 van die Plaas Stink Fontein Nr 383 in die algemeen bekend as Loxtonia.
2. Ek bevestig verder dat Warmbokveld Plase (Edms) Bpk op 23 September 2011 die eiendom bekend as Gedeelte 26 van die Plaas Stink Fontein Nr 383 aan Johannes Jacobus Faul verkoop het per koopkontrak gedateer 23 September 2011, en dat daar in dié koopvooreenkoms voorsiening gemaak is dat die 8,6ha se Rietvallei Besproeiingskema water soos ingelys ten opsigte van Gedeelte 26 van die Plaas Stink Fontein Nr 383 saam met die eiendom oorgedra word aan die Koper.

3. Die besonderhede van die verkoop en oordrag van die 8.6ha besproeiingskewater is met die Rietvallei Besproeiingskema gekommunikeer, wat dan ook die oordrag van die besproeiingskewater na die Koper behartig het.
  
4. Die Rietvallei Besproeiingskema se raad het dus toestemming gegee tot die oordrag.

Vriendelik die uwe



JG Whitfield

# **APPENDIX 2**

## **Rietvallei Scheme & Titus River Irr Board Approvals**

# RIETVALLEI BESPROEIINGSKEMA

Posbus 99, Ceres, 6835  
Telephone: 023 312 1978

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23 Oktober 2018

Vir wie dit aangaan.

Na aanleiding van u e-opos bevestig ek die volgende:

**I/S Jade Hills (Stinkfontein 383/26) vir sy Rietvalleiskema (8,6ha) water wat aan hom oorgedra was tydens die aankoop van die eiendom.**

- (1) Rietvallei skema is bewus is van hierdie oordrag in 2011 (tesame met eiendom transaksie) van water vanaf (Warmbokkeveld plases - Stinkfontein 383/50) na Jade Hills farming ( Stinkfontein 383/26)
- (2) Dit is nie 'n probleem is vir die betrokkenes nie
- (3) die water is wel beskikbaar .

Aftappunte is reeds uitgewys.

Groete

Ian Zulch  
Voorsitter Rietvallei Besproeiing

# TITUSRIVER IRRIGATION BOARD TITUSRIVIER BESPROEINGS RAAD

16 April 2019

TO WHOM IT MAY CONCERN

## JADE HILLS FARMING (STINKFONTEIN 383/26)

- 1) The Titus River Irrigation Board acknowledges the application of Jade Hills Farming to build a 67,000m<sup>3</sup> dam.
- 2) We do note that the size of the dam is equal to the full allocation from the Rietvallei Water Scheme. We know that the full allocation of water is not available in every season and that this specific site does not have much runoff water. We suggest and submit that because the Titus River catchment area is already under immense ground water pressure that Jade Farming may not fill up the dam with groundwater and that we as the Titus River Water Board do not support the filling of the dam in winter with ground water.

Kind regards



Georgie Hewitt

CHAIRPERSON

# **APPENDIX 3**

## **DWS Permit**

Telegramadres.

Telegraphic Address:

"IRRIGATION"



Tel. 3-1020 : 2-7422

REPUBLIEK VAN SUID-AFRIKA.—REPUBLIC OF SOUTH AFRICA.

Verwysing:  
Reference:

No. 810/D.3/9  
H.B. Zulch

/CJA

Seksie-ingenieur,  
Circle Engineer,

Departement van Waterwese,  
Department of Water Affairs,

Posbus/P.O. Box 23,  
Kaapstad/Cape Town.

Mnr. H.B. Zulch,  
Rietvlei,  
C E R E S.

8 Julie 1969.

Geagte Meneer,

CERES—STAATSWATERBEHEERGEBIED:  
TOEKENNING VAN PERMIT.

Hiermee 'n afskrif van my Hoofkantoor se  
diensbrief 2/2/98(9) gedateer 27 Junie 1969 ter inligting.  
Die uwe,

*A. Newton*  
SEKSIE-INGENIEUR  
WES-KAAPSEKSIE

Amadres:  
 phic Address:  
 "DAMWATER"



Meld asb. in u antwoord:  
 In reply please quote:

elefoon: No \_\_\_\_\_  
 Telephone: \_\_\_\_\_

2/2/98(9)

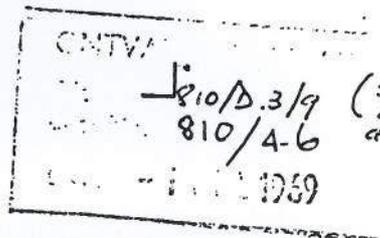
REPUBLIEK VAN SUID-AFRIKA.—REPUBLIC OF SOUTH AFRICA.

GEREGISTREER.

DEPARTEMENT VAN WATERWESE,  
 DEPARTMENT OF WATER AFFAIRS,

PRIVAATSAK } 313.  
 PRIVATE BAG }  
 PRETORIA.

Die Seksie-ingenieur,  
 Wes-Kaapseksie,  
 Posbus 23,  
 KAAPSTAD.



CERES—STAATSWATERBEHEERGEBIED, AFDELING CERES, KAAPROVINSIE:  
 PERMIT VIR NEEM EN GEBRUIK VAN OPENBARE WATER INGEVOLGE  
 ARTIKEL 62(2) VAN DIE WATERWET, NO. 54 VAN 1956: MNRE.  
 AURORA PLASE (EDMS.) BPK. EN SES ANDER EIENAARS.

U diensbrief no. 810/46/1078 gedateer 26 Augustus 1966 verwys.

Sy Edele die Minister het goedgekeur dat n permit ingevolge die bepalings van artikel 62(2) van die Waterwet, 1956 (Wet No. 54 van 1956) aan die volgende eienaars onder die Rietvalleyskema ten opsigte van die ooreenstemmende eiendomme uitgereik word wat hulle magtig om n sekere hoeveelheid vloedwater uit die Titusrivier te onttrek:-

<u>Eienaar</u>	<u>Beskrywing van Eiendom</u>	<u>Grootte</u>
1. Mnre. Aurora Plase (Edms.) Bpk.	Gedeelte 41, n Gedeelte van Gedeelte (Wolfhuis) van die plaas Rietvalley, Afdeling Ceres.	234.6032 morg.
2. Mnre. Langboom Plase (Edms.) Bpk.	Gedeelte 56 (n gedeelte van gedeelte 49) van die Plaas Rietvalley, Afdeling Ceres.	64.00 morg.

3. /....

<u>Eienaar</u>	<u>Beskrywing van Eiendom</u>	<u>Grootte</u>
3. Mnr. D.G.R. Malherbe	Restant van Gedeelte 1 (Wolfhuis) van die plaas Rietvalley, afdeling Ceres.	218.9768 morg.
4. Mnr. A.J.A. Myburgh	Gedeelte 30 (Buchufarm) Gedeelte van Gedeelte 25 van die plaas Rietvalley, afdeling Ceres.	179.00 morg.
5. Mnr. J.B. Prins	(a) Restant van die plaas Stinkfontein (Langhoogte) afdeling Ceres.  (b) Restant "Uitsicht A" gedeelte van die plaas Stinkfontein (Loxtonia) afdeling Ceres.	129.00 morg.  160.00 morg.
6. Mnr. A.P. van Dyk	Restant van Gedeelte 8 van die plaas Rietvalley, afdeling Ceres.	68.0585 morg.
7. Mnr. H.B. Zulch	Restant van Gedeelte 16 n gedeelte van gedeelte 1 van die plaas Rietvalley, afdeling Ceres.	297 morg 582 vierkante roede.

1. Magtiging word hierby verleen om n maksimum hoeveelheid van Driehonderd ses-en-negentig (396.0) morg-voet vloedwater per jaar uit genoemde Titusrivier te neem of uit te keer vir gebruik vir landboudoeleindes op genoemde eiendomme en hierdie hoeveelheid sluit verliese onderweg in en word gemeet by die punt waar die water onttrek word: Met dien verstande dat

- (a) die maksimum tempo waarteen water ingevolge hierdie permit uit genoemde rivier onttrek of uitgekeer mag word by die punt hierbo genoem nooit meer as 3 (drie) kusek mag wees nie;

Indien / ..

Indien water deur die eienaars van die plase waarna in die ooreenkoms verwys word (genoem Groep 3 eienaars) laer af benodig word, sal die vloei van die water in die rivier op 'n 50/50 basis verdeel word, onderhewig aan die die voorwaarde dat, sodra die vloei 5 kusek of minder word, die verdeling of op 'n weeklikse beurtstelsel of op die 50/50 basis sal geskied, namate die Groep 3 eienaars dit verlang.

- (b) die geregistreeerde eienaars van genoemde eiendomme op eie koste en tot die tevredenheid van die Departement van Waterwese (óf self óf in medewerking óf volgens reëlings met enige bestaande besproeiingsraad wat regsbevoegdheid in die gebied het of enige sodanige raad wat na goeddunke van die Minister ingestel mag word) sodanige maatreëls moet tref as wat die Sekretaris van Waterwese op enige tydstip mag voorskryf ten einde te verseker dat die bepalinge van hierdie permit uitgevoer en nagekom word en om die Departement van Waterwese, of genoemde besproeiingsraad of enige persoon deur die Sekretaris van Waterwese daartoe gemagtig, in staat te stel om die hoeveelheid vloedwater uit genoemde rivier geneem of uitgekeer, of die tempo waarteen sodanige water geneem of uitgekeer word, op enige tydstip te bepaal en aan te teken;
- (c) die vloedwater geneem of uitgekeer moet word deur middel van die werke wat kragtens enersgenommerde permit van 26 April 1967 goedgekeur is;
- (d) die waterwerke in paragraaf (c) genoem, nie sonder die goedkeuring van die Sekretaris van Waterwese wesenlik verander, vergroot of deur ander werke vervang mag word nie;
- (e) (i) die Minister van Waterwese hom die reg voorbehou om hierdie permit na 'n tydperk van drie jaar in te trek indien hy op daardie datum daarvan oortuig is dat die geregistreeerde eienaars van die betrokke eiendomme nie die reg om die hoeveelheid water hierbo genoem te neem of uit te keer, ten volle uitgeoefen het nie. Met dien verstande dat indien sodanige reg gedeeltelik uitgeoefen is, genoemde eienaars geregtig is op 'n nuwe permit van die Minister wat hulle in staat sal stel om voort te gaan om sodanige hoeveelheid water vir gebruik vir landboudoeleindes te neem of uit te keer as

wat volgens die Minister se oordeel op genoemde datum voordelig op die betrokke eiendomme gebruik is;

- (ii) die intrekking van n permit ingevolge subparagraaf (i) nie geag word die eienaars of enige toekomstige eienaars van die betrokke eiendomme te verhinder om op n later datum by die Minister aansoek te doen om uitreiking van n permit om vloedwater van genoemde rivier te neem of uit te keer vir gebruik op die eiendomme nie, en die Minister kan na ontvangs van sodanige verdere aansoek weier om sodanige permit toe te staan, of n permit toestaan onderworpe aan sodanige voorwaardes as wat hy goedvind vir die neem van sodanige hoeveelheid vloedwater vir gebruik op genoemde eiendomme as wat die Minister na goeddunke kan vasstel.

2. Indien enige geskil ontstaan oor -

- (a) die hoeveelheid vloedwater wat kragtens hierdie permit uit die rivier geneem of uitgekeer word, of
- (b) die maksimum tempo waarteen sodanige water uit genoemde rivier geneem of uitgekeer word, is die beslissing van die Sekretaris van Waterwese oor enige sodanige geskil finaal: Met dien verstande dat die eienaars van die betrokke eiendomme geregtig is om òf persoonlik òf deur bemiddeling van hulle prokureurs of regsverteenvoordigers, in verband met die geskil, getuienis voor te lê aan of vertoë te rig tot die Sekretaris.

3. Die Minister van Waterwese behou hom die reg voor om hierdie permit in te trek indien die voorwaardes daarvan nie nagekom word nie: Met dien verstande dat sodanige reg nie uitgeoefen word nie tensy aan die eienaars van die betrokke eiendomme die geleentheid gegee is om òf persoonlik òf deur bemiddeling van hulle prokureurs of regsverteenvoordigers in hierdie verband getuienis voor te lê aan of vertoë te rig tot die Sekretaris van Waterwese.

4. Die voorwaardes verbonde aan hierdie permit word nie geag afbreuk te doen aan die bevoegdhede van die Minister by subartikels (3), (4) en (5) van artikel 62 of artikel 66 van genoemde Wet aan hom verleen nie of om die eienaars vry te stel van voldoening aan enige regulasies wat kragtens artikel 70 van genoemde Wet uitgevaardig mag word.

5. Indien daar teenstrydig die bepalings van artikel 63(8), of artikel 63(8) saamgelees met artikel 88(8) van die Waterwet, 1956, n onderverdeling van dié grond of n vermeerdering in die getal eienaars van genoemde grond plaasvind ten opsigte waarvan hierdie permit uitgereik is, of indien die grond of waterregte teenstrydig die bepalings van subartikel (9) of (10) van artikel 63 van genoemde Wet vervreem word, sal hierdie permit ingetrek word en die regte daarvolgens toegeken sal verval.

6. Die Staat behou die reg voor om te eniger tyd opgaarwerke op enige stroom binne of buite die Staatswaterbeheergebied aan te bou en om alle water wat sodanige werke bereik op te gaar en om oor die toebedeling van sodanige water te beskik.
7. Hierdie permit is alleen ten opsigte van vloedwater, indien enige (uitgesonderd opgegaarde water).
8. Hierdie permit gee die eienaars geen aanspraak op enige opgegaarde waterbronne wat die Staat of n besproeiings- of waterraad te eniger tyd deur middel van opgaardamme mag skep nie.
9. Indien daar wel n opgaardam gebou word soos in paragraaf 8 beoog, mag geen vloedwater toegeken kragtens hierdie permit gedurende enige tydperk onttrek word wanneer (a) opgegaarde water in die rivierbedding vloei nie, of (b) wanneer die Departement bepaal dat sodanige vloedwater benodig word om die opgaardam aan te vul, tensy die Departement of n besproeiings- of waterraad wat namens die Departement optree, onttrekking gedurende sodanige tydperk gemagtig het.
10. Water wat kragtens hierdie permit onttrek word, mag alleenlik gedurende die tydperk 15 April tot 30 September onttrek word.

Geliewe n afskrif van hierdie permit aan elk van die sewe eienaars te stuur.

  
SEKRETARIS VAN WATERWESE.

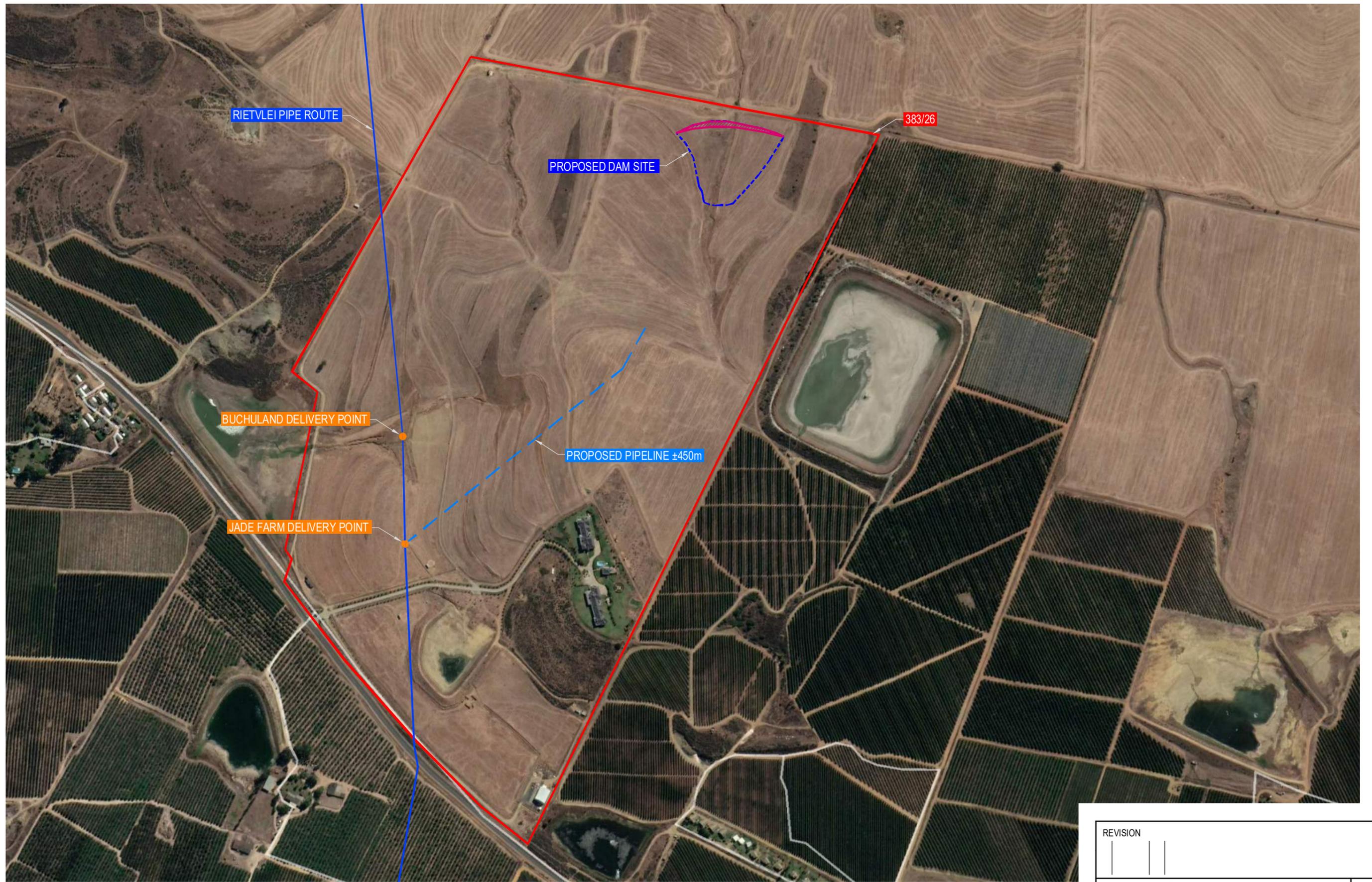
# **APPENDIX 4**

## **Locality Map**



# **APPENDIX 5**

## **Site Map**



REVISION			

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DRAWN	DATE	SCALE	SHEET
R van der Merwe	JAN. 2019	1:5000	1 of 1
SURVEYED	DESIGNED	DWG. NR.	REV.
S Hartzberg	Sarel Bester Ingenieurs	1804-01	

**SAREL BESTER ENGINEERS**  
 Consulting Civil Engineers  
 Architectural Service

Date: 28/1/2019

**MC BESTER**  
 Pr. Eng. B.Eng. MSAACE 07058; MSAACP 1218  
 P.O. Box 21, Lyell Street 62, CERES, 6835  
 Ph: 023-312 2017 \* Fax: 023-312 3802  
 e-mail: admin@sbt.co.za

CLIENT: Jade Farming  
 P.O. Box 72  
 CERES  
 6835

PROJECT: PROPOSED JADE HILL DAM:  
 PIPELINE FROM OUTLET

DETAIL: Site Plan

# **APPENDIX 6**

## **Application Fee**



# NEDBANK

Ltd/Bpk Reg No 1951/000009/06

## Notification of Payment

Nedbank Limited confirms that the following payment has been made:

Date of Payment : 12/03/2019  
Reference Number : 2019-03-12/NEDBANK/002092732335

### Beneficiary details

Recipient : BGCMA  
Amount : R114.00  
Recipient Reference : WU9322  
Bank : ABSA BANK  
Account Number : ...000995  
Channel : Internet payment

### Payer details

Paid By : N FAUL

Verify notification at <https://netbank.nedsecure.co.za>

This notification of payment is sent to you by Nedbank Limited Reg No 1951/000009/06. Enquiries regarding this payment notification should be directed to the Nedbank Contact Centre on 0860 555 111. Please contact the payer for enquiries regarding the contents of this notification.

Nedbank Ltd will not be held responsible for the accuracy of the information on this notification and we accept no liability whatsoever arising from the transmission and use of the information.

Payments may take up to three business days. Please check your account to verify the existence of the funds.

Note: We as a bank will never send you an e-mail requesting you to enter your personal details or private identification and authentication details.

### Nedbank Limited email

This email and any accompanying attachments may contain confidential and proprietary information. This information is private and protected by law and, accordingly, if you are not the intended recipient, you are requested to delete this entire communication immediately and are notified that any disclosure, copying or distribution of or taking any action based on this information is prohibited. Emails cannot be guaranteed to be secure or free of errors or viruses. The sender does not accept any liability or responsibility for any interception, corruption, destruction, loss, late arrival or incompleteness of or tampering or interference with any of the information contained in this email or for its incorrect delivery or non-delivery for whatsoever reason or for its effect on any electronic device of the recipient. If verification of this email or any attachment is required, please request a hard copy version.

Security Code : 119DD10659F0986A47468B297C3CFB9B7012764F

# **APPENDIX 7**

## **B-BEEE Exempted Affidavit**

**SWORN AFFIDAVIT – B-BBEE EXEMPTED MICRO ENTERPRISE - GENERAL**

I, the undersigned,

<b>Full name &amp; Surname</b>	Nicole Fanel
<b>Identity number</b>	800401 0037 087

Hereby declare under oath as follows:

1. The contents of this statement are to the best of my knowledge a true reflection of the facts.
2. I am a Member / Director / Owner of the following enterprise and am duly authorised to act on its behalf:

<b>Enterprise Name:</b>	Jade Farming (Pty) Ltd
<b>Trading Name (If Applicable):</b>	Jade Farming
<b>Registration Number:</b>	2011/121152/07
<b>Enterprise Physical Address:</b>	Exeltonen road Ceres 6535
<b>Type of Entity (CC, (Pty) Ltd, Sole Prop etc.):</b>	(Pty) Ltd.
<b>Nature of Business:</b>	Farming.
<b>Definition of "Black People"</b>	As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians –  (a) who are citizens of the Republic of South Africa by birth or descent; or (b) who became citizens of the Republic of South Africa by naturalisation- i. before 27 April 1994; or ii. on or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior to that date;
<b>Definition of "Black Designated Groups"</b>	"Black Designated Groups means:  (a) unemployed black people not attending and not required by law to attend an educational institution and not awaiting admission to an educational institution; (b) Black people who are youth as defined in the National Youth Commission Act of 1996; (c) Black people who are persons with disabilities as defined in the Code of Good Practice on employment of people with disabilities issued under the Employment Equity Act; (d) Black people living in rural and under developed areas; (e) Black military veterans who qualifies to be called a military veteran in terms of the Military Veterans Act 18 of 2011;"

3. I hereby declare under Oath that:

- The Enterprise is 0 % Black Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- The Enterprise is 0 % Black Female Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- The Enterprise is 0 % Black Designated Group Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- Black Designated Group Owned % Breakdown as per the definition stated above:
  - Black Youth % = 0 %
  - Black Disabled % = 0 %
  - Black Unemployed % = 0 %
  - Black People living in Rural areas % = 0 %
  - Black Military Veterans % = 0 %
- Based on the Financial Statements/Management Accounts and other information available on the latest financial year-end of Feb 2018, the annual Total Revenue was R10,000,000.00 (Ten Million Rands) or less
- Please Confirm on the below table the B-BBEE Level Contributor, **by ticking the applicable box.**

100% Black Owned	<b>Level One</b> (135% B-BBEE procurement recognition level)	
At least 51% Black Owned	<b>Level Two</b> (125% B-BBEE procurement recognition level)	
Less than 51% Black Owned	<b>Level Four</b> (100% B-BBEE procurement recognition level)	✓

4. I know and understand the contents of this affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and on the Owners of the Enterprise which I represent in this matter.
5. The sworn affidavit will be valid for a period of 12 months from the date signed by commissioner.

Deponent Signature: \_\_\_\_\_

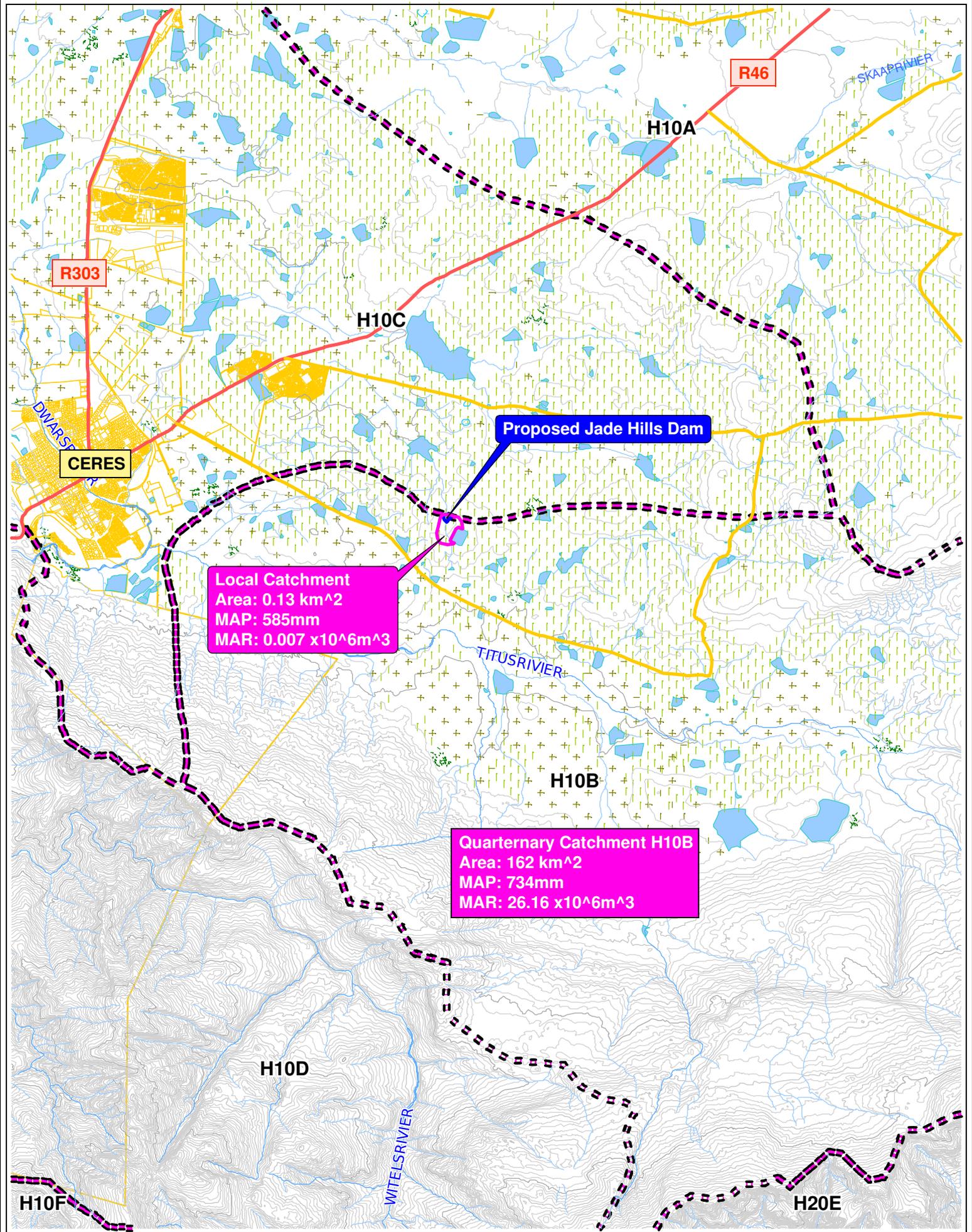
Date: 15/06/2019

\_\_\_\_\_  
 Commissioner of Oaths  
 Signature & Stamp

**JOHANNES BUNDEK**  
 Rekenkundige Beambte  
**KOMMISSARUS VAN EDE**  
 SAIPA - Lid nr. 9211

# **APPENDIX 8**

## **Hydrological Map**



**SAREL BESTER INGENIEURS BK**  
 Randoplaas Skole Ingenieurs / Consulting Civil Engineers  
 P.O. Box 72 Ceres 6835  
 Tel: 023 312 2017 / 023 312 2018  
 Fax: 023 312 2017 / 023 312 2018  
 E-mail: sarbest@telkomsa.net

**MC BESTER**  
 Pr. Ing., LSAISI: 970598, LSACAP: T1218  
 Tel 023 312 2017 / Epos sbri@telkomsa.net

**Client:** Jade Farming  
 PO Box 72  
 CERES  
 6835

**Project:** Proposed Jade Hills Dam  
 HYDROLOGY MAP

**Map Ref:** 3319AD

**Project Ref:**  
 1804

**Scale:**  
 1: 75 000

# **APPENDIX 9**

## **Public Participation Process**

## PPP: MAILDROP LIST & PLACEMENT OF POSTERS

<b>PROJECT:</b> Jade Hills Dam	<b>AREA:</b> Ceres
<b>ADDRESS</b> Portion 26 farm Stukfontein 383, Ceres, Western Cape	
<b>CONTACT PERSON</b> Jean Faul	
<b>DATE:</b> Nov 18	<b>DONE BY:</b> Inge Erasmus

### POSTERS

	ADDRESS	DESCRIPTIVE NOTES
1	Site Portion 26 farm Stukfontein	1 large poster, 1 <sup>large</sup> smaller poster on farm Gate
2	Ceres Agri Markt	1x smaller poster
3	Ceres, Triple One Stationery Shop	1x smaller poster
4	across from Pick n Pay Witzenberg Men	<b>MAILDROP</b> 1x smaller

	ADDRESS: Street no. & name	DESCRIPTIVE NOTES (Owner details, property description ect.)
1	Pick n Pay counter - hard outs	
2	Witzenberg Municipality (Ceres) - hard outs	
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		

## Inge Erasmus

---

**From:** Inge Erasmus <inge@enviroafrica.co.za>  
**Sent:** Friday, 02 November 2018 10:03 AM  
**To:** 'hlprins@vodamail.co.za'; 'mario@breede.co.za'; 'tommie@breede.co.za'; 'farm@strathbreede.co.za'; 'Elkerine Rossouw'; 'Alana Duffell-Canham'; 'Philippa Huntly'; 'waseef.Dhansay@westerncape.gov.za'; 'CorvdW@elsenburg.com'; 'info@overbergrenosterveld.org.za'; 'info@overbergwater.co.za'; 'lbconservancy@telkomsa.net'; 'dirk@witzenberg.gov.za'; 'henniesmit@witzenberg.gov.za'; 'bongiwe@capewinelands.gov.za'; 'heloise.truter@witzenberg.gov.za'  
**Cc:** 'jeanfaul@lando.co.za'  
**Subject:** JADE HILLS FARMING PTY LTD: PROPOSED CONSTRUCTION OF THE NEW JADE HILLS DAM  
**Attachments:** NEMA Notification Letter\_Jade Hills Dam.pdf

Dear Interested and Affected Parties (I&AP)

Please find the notification letter attached for the proposed construction of Jade Hills Dam on Portion 26 of the Farm Stinkfontein No. 383, Ceres.

This letter serves as a background document, giving a high level description of the proposed project.

Please feel free to contact me if you have any queries.

Kind regards  
Inge

**Inge Erasmus**



*Environmental Consultant*

**EnviroAfrica cc**

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

f: +27 86 512 0154

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

w: [www.enviroafrica.co.za](http://www.enviroafrica.co.za) e: [inge@enviroafrica.co.za](mailto:inge@enviroafrica.co.za)



## NEMA EIA, PUBLIC PARTICIPATION PROCESS

# JADE HILLS FARMING PTY LTD: PROPOSED CONSTRUCTION OF THE NEW JADE HILLS DAM

(Portion 26 of the Farm Stinkfontein No. 383, Ceres)

Notice is hereby given of a public participation process in terms of the National Environmental Management Act, 1998 (Act 107 of 1998) ("NEMA") and the EIA Regulations (2014) as amended, as well as the National Water Act, 1998 (Act 36 of 1998) ("NWA"); for the application for environmental authorisation (EIA) and a water use licence (WULA) to undertake the following:

Relevant notice(s):	Activity No (s)	Description
GN. R. 327 (2014) Listing Notice 1	9	The development of infrastructure exceeding 1000 m in length for the bulk transportation of water or storm water – (i) with an internal diameter of 0,36m or more; or (ii) with a peak throughput of 120 litres per second or more;
	12	The development of (iv) dams, where the dam, including infrastructure and water surface area exceeds 100 m <sup>2</sup> in size; (a) within a watercourse; (c) within 32 metres of a watercourse, measured from the edge of a watercourse.
	19	The infilling or depositing of any materials of more than 10 m <sup>3</sup> into, or the dredging, excavation, removal or moving of soil, sand, shells, grit, pebbles or rock of more than 10 m <sup>3</sup> from; (i) a watercourse;
	27	The clearance of an area of 1 ha or more, but less than 20 ha of indigenous vegetation;
GN. R. 325 (2014) Listing Notice 2	16	Development of a dam where the highest part of the dam wall, as measured from the outside toe of the wall to the highest part of the wall, is 5 m or higher or where the highwater mark of the dam covers an area of 10ha or more;
GN. R 324 (2014) Listing Notice 3	12	The clearance of an area of 300m <sup>2</sup> or more of indigenous vegetation (i) Western Cape (i) Within any critically endangered or endangered ecosystem listed in terms of section 52 of NEMBA or the National Spatial Biodiversity Assessment (ii) Within a CBA;
	14	The development of (iv) dams, where the dam including infrastructure and water surface structure exceeds 10 m <sup>2</sup> (i) Western Cape (i) Outside urban areas (ff) CBAs or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.
Section 21 of NWA	21 (b)	Storing water;
	21 (c)	Impeding or diverting the flow of a watercourse;
	21 (i)	Altering the bed, bank, course or characteristics of a watercourse.

Please note that should additional listed activities be identified during the application process they will be communicated to registered I&AP's. EnviroAfrica cc has been appointed by Jade Hills Farming, to undertake the Environmental Impact Assessment for the proposed project. Sarel Bester Ingenieurs BK was appointed to conduct the Water Use Licence Application (WULA).

### Project Description & Location: (33° 22' 31.67"S, 19° 22' 13.15"E)

The proposed development entails the construction of a new dam for the storing of winter water for summer irrigation. It is proposed that construction of the dam occurs in two phases. For phase 1 it is proposed that the dam will have a capacity of ±65000 m<sup>3</sup>, a maximum wall height of ±11.1m, a total surface area of ±2ha. An existing water use for the taking of water exists and water will come from the Rietvallei scheme for phase 1. For phase 2 it is proposed that the dam will have a capacity of ±165000m<sup>3</sup>, a maximum wall height of ±14.8m, a total surface area of ±3.6ha. A separate WULA will have to be done for the proposed phase 2 development. The dam will be located on agricultural land.

### Description of Alternatives:

Alternative includes layout options and the option of not proceeding with the proposed development (the No-Go option) will be discussed in the application process.

### Public Participation:

Interested and Affected Parties (I&APs) are hereby notified of the application and invited to register (in writing) and/or provide initial comments and identify any issues, concerns or opportunities relating to this project to the contact details provided below, **on or before 13 December 2018**. In order to register or submit a comment, I&APs should refer to the project name, and provide their name, address & contact details (*indicating your preferred method of notification*) and an indication of any direct business, financial, personal, or other interest which they have in the application. Please note that future correspondence will only be sent to registered Interested and Affected Parties.

### For more information - Consult: EnviroAfrica (Jade Hills Dam);

P.O. Box 5367, HELDERBERG, 7135

Fax: 086 512 0154 / Tel 021 8511616 /

E-mail: admin@enviroafrica.co.za

# JADE HILLS FARMING PTY LTD: PROPOSED CONSTRUCTION OF THE NEW JADE HILLS DAM

Portion 26 of the Farm Stinkfontein No. 383, Ceres



## SITE CO-ORDINATES:

33° 22' 31.67\"S,  
19° 22' 13.15\"E

November 2018



REGISTER OF INTERESTED & AFFECTED PARTIES		PHASE	Initial Public Participation	
<b>EnviroAfrica</b> <i>Environmental Planning and Impact Assessment Consultants</i> <i>Omgewingsbeplanning en Impakbeoordeling Konsultante</i>		Project name	Jade Hills Dam	DEADP Ref. No.
		Advert Placed:	Witzneberg Herals	Date

No.	Title	Initials/Name	Surname	Affiliation	Postal Address	Town/City	Code	Telephone	Fax	E-mail
<b>1. Applicant</b>										
1.1	Mr.	Jean	Fual	Jade Hills Farm	P.O. Box 72	Ceres	6835	0832562567		<a href="mailto:jeanfaul@lando.co.za/">jeanfaul@lando.co.za/</a> <a href="mailto:jeanf@nexusag.net">jeanf@nexusag.net</a>
<b>2. Property / Land Owners:</b>										
2.1	Mr.	Jean	Fual	Jad Hills Farm						
<b>3. Occupiers</b>										
3.1				Same as property owner						
<b>4. Municipality</b>										
4.1	Mrs.	Heloise	Truter	Witzenberg Municipality (Municipal Manager)	P.O. Box 44	Ceres	6835	023 316 1854	023 316 1877	<a href="mailto:heloise.truter@witzenberg.gov.za">heloise.truter@witzenberg.gov.za</a>
4.2		The Municipal Manager		Cape Winelands District Municipality	P.O. Box 91	Worcester	6850	023 347 4629		<a href="mailto:bongiwe@capewinelands.gov.za">bongiwe@capewinelands.gov.za</a>
<b>5. Municipal Ward Councillor:</b>										
5.1	Mr.	Dirk	Swart	Ward 3 Councillor (Witzenberg Mun)	P.O. Box 44	Ceres	6835	0233161854	0233168133	<a href="mailto:dirk@witzenberg.gov.za">dirk@witzenberg.gov.za</a>
5.2	Mr.	Hennie	Smit	Ward 5 Councillor	P.O. Box 44	Ceres	6835	0233161854	0233168133	<a href="mailto:henniesmit@witzenberg.gov.za">henniesmit@witzenberg.gov.za</a>
<b>6. Ratepayers's association</b>										
6.1				None						
<b>7.State Organisations:</b>										
7.1	Mr.	Elkerine	Rossouw	Breede-Gouritz Catchment Management Area (BGCMA)	Private Bag X3055	Worcester	6849	023 346 8000	023 347 2012	<a href="mailto:erossouw@bgma.co.za">erossouw@bgma.co.za</a>
7.2	Me	Alana	Duffel-Canham	Cape Nature	Private Bag X5014	Stellenbosch	7599	021 866 8029	021 866 1523	<a href="mailto:aduffell-canham@capenature.co.za">aduffell-canham@capenature.co.za</a>
7.3	Mr	Waseefa	Dhansay	Heritage Western Cape	Private Bag X9067	Cape Town	8000	021 483 9543	021 483 9845	<a href="mailto:waseefa.dhansay@westerncape.gov.za">waseefa.dhansay@westerncape.gov.za</a>
7.4	Mr.	Cor	Van der Walt	WC Department of Agriculture - Landuse Management	Private Bag X1	Elsenburg	7607	021 808 5099	021 808 5092	<a href="mailto:corvdW@elsenburg.com">corvdW@elsenburg.com</a>
7.5	Ms	Odette	Curtis	Overberg Renosterveld Conservation Trust	P.O. Box 27	Napier	7270	083 551 3341		<a href="mailto:info@overbergrenosterveld.org.za">info@overbergrenosterveld.org.za</a>
7.6	The	Head		Overberg Water	P.O. Box 589	Caledon	7230	082 214 3500		<a href="mailto:info@overbergwater.co.za">info@overbergwater.co.za</a>
7.7	The	Head		Lower Breede River Conservancy Trust	P.O. Box 149	Witsand	6666	082 825 6172		<a href="mailto:lbconservancy@telkomsa.net">lbconservancy@telkomsa.net</a>
<b>8. Neighbours</b>										
8.1	Mr.	Henk	Prins	54/383 Stinkfontein, Ceres				0791356704		<a href="mailto:hlprins@vodamail.co.za">hlprins@vodamail.co.za</a>
8.2	Mr.	Mario	Du Plessis	Portion 41 of Farm 364, Ceres				0833020786		<a href="mailto:mario@breede.co.za">mario@breede.co.za</a>
8.3	Mr.	Tommie	Prins	RE/ 383 Stink fontein				083 528 6367		<a href="mailto:tommie@breede.co.za">tommie@breede.co.za</a>
8.4	Mr.	Larry	Whitfield	50/383 Stinkfontein, Ceres				0828958383		<a href="mailto:farm@strathbreede.co.za">farm@strathbreede.co.za</a>
8.5	Mr.	Phillip	Dicey	Portion 30 of Farm 364, Ceres						
<b>9. Other</b>										
9.1	Ms	Barbara	Duckworth	Rietvalley Irrigation Board	P.O. Box 99	Ceres	6835	021 312 1978		<a href="mailto:barbara.duckworth@fobd.co.za">barbara.duckworth@fobd.co.za</a>

9.1 Mr W                      Zukch

Rietvalley Irrigation Board						<a href="mailto:wzulch@lando.co.za">wzulch@lando.co.za</a>

# SAKKMVO Witzenberg baie bedrywig met aansoeke vir hulp

**DIE Suid Afrikaanse Kaapse Korps Militêre Veterane Organisasie (SAKKMVO) Witzenberg is daarop uit om die enigste erkende tak in die streek te bly waar enige militêre veterane of begunstigde die vrymoedigheid kan hê om vir hulp aan te klopkende veterane aangeleenthede. VLNR: David Filander, Piet Witbooi, Joseph Visagie, John Daniëls, Petrus Bantam, Hendrik Charles en Deleen Kinnear. \* Sedert die begin van Februarie 2018 kon SAKKMVO Witzenberg reeds 22 lede op die militêre veterane databasis bevestig en van hulle medies laat aktiveer. Op die foto is maar 'n paar van die lede wat kan spog met hulle briewe van bevestiging dat hulle op die militêre databasis is. Vir navrae skakel Petrus by 076-1295-294, Deleen by 082-4145-819 of Thinus by 078-5630-920.**



## Skole DAGBOEK

12/12 Skool sluit



**CHARLIE HOFMEYR**  
☎ (023) 312-1130

05/01 Bekendmaking van Matriekuitslae by skool (12:00) - moet bevestig word  
**Nuwe aansoeke 2020:**

Open 15 Februarie 2019 - 15 Maart 2019



**Laerskool FD Conradie  
P.A. Hamlet**  
☎ (023) 313-3407

08/11 Begrotingsvergadering; Musiekaand  
09/11 Buitelugkamp Gr. 3 en Gr. 4  
12/11 Mini-krieket KBV  
13/11 Gr. 7 Eksamen begin;  
Prysuitdeling: sport;  
Pre-R prettag (KBV)  
16/11 Hengelklub  
19/11 Mini-krieket Ceres Primêr;  
Gr. 4 - 6 Eksamen begin  
24/11 Liggiefees  
25/11 Kerssangdiens  
29/11 VKO konsert  
30/11 Hamlet Kuns- en Kulturfes  
01/12 Hamlet Kuns- en Kulturfes  
07/12 Bring-en-braai kuier  
11/12 Prysuitdeling: akademies; Skoolbraai  
14/12 Skool sluit (opvoeders)



**Laerskool Gericke**  
☎ (023) 312-1110

08/11 Tennis Koue Bokkeveld (t)  
09/11 Bonnievale swemgala  
10/11 Barnyard fondsinsameling  
11/11 Kooroptrede te Ceres Moedergemeente  
12/11 o/11 Krieket St Marks (t); Redenaars finaal



**MOOI-UITSIG PRIMÊR / PRIMARY**  
Posbus, CERES, 6835  
☎ (023) 315 5820 Faks: (023) 315 6587  
E-pos: admin@muprimer.co.za

09/11 Buildt sokkertoernooi  
10/11 Atletiekbyeenkoms Bella Vista veld  
15/11 Eksamen begin  
27/11 Graad R diplomas  
10/12 Grondslagfase afskeid  
11/12 Graad 7 funksie;  
Intermediêre en Seniorfase afskeid  
14/12 Skole sluit vir Onderwysers



**ST. MARK'S**  
Primêr/Primary  
☎ (023) 313-3456

10/11 Mini Krieket-fees Ceres  
19/11 Eksamen begin  
22/11 Gr. R Diploma plegtigheid  
30/11 Hamlet Kuns en Kultuur Fees  
01/12 Hamlet Kuns en Kultuur Fees  
12/12 Hamburger Dag;  
Skole Sluit vir Leerders



**LAERSKOOl KOUe BOKKEVELD**  
☎ (023) 317-0611, Protea Laan 1  
Koue Bokkeveld, Op-Die-Berg

08/11 Tennis Rijk Tulbagh (w)  
13/11 Prettag: Ba'bino, Pre Gr. R,  
FD Conradie en Ligstraaltjies  
15/11 Tennis Breërivier (w)  
16/11 Gr. 3 Klasverkope  
19/11 Eksamen begin  
23/11 Gholfdag  
06/12 Erkenningsaand

### NOTICE

**In the Estate of the Late:  
WILLIAM EDWARD SLATER  
Id. no. 411109 5016 086**

who was married out of community of property to **AVERIL FAITH SLATER Id. no. 560829 0023 089**  
**Address:** RAPTOR RISE FARM, TULBAGH, WESTERN CAPE, 6830  
**Who died on the:** 15th MAY 2018  
**Estate no:** 006877/2018

Creditors and debtors in the above Estate are hereby required to file their claims with and pay their debts to the undersigned within 21 days from the date of publication hereof.

**Dated at Hilton, 9th November 2018**

**COLENBRANDER INC**  
P.O. Box 456, Hilton, 3245  
☎ (033) 343-0800



**CERES KOELKAMERS**  
☎ (023) 315-5003  
☒ 35 CERES 6835

### KANTOOR VOORRAADKLERK

*Ons benodig die dienste van 'n energieke jong persoon vir ons aanleg te Skoonvlei.*

#### HOOFFUNKSIES:

- Voorraad kontrole
- Kontrolering van vragte ontvangstes en versendings
- Data hantering en vaslegging op ViTrax
- Dienslewering aan kliënte en voorraad deurgee
- Algemene dokumentasie
- Algemene kantoorwerk te uitvoer-afdeling en administratiewe kantoor ad hoc take

#### DIE IDEALE KANDIDAAT MOET:

- Oor 'n matrieksertifikaat beskik
- Basiese vrug-kennis en goeie ondervinding in die vrugtebedryf sal in u guns tel
- Vermoë om goed onder druk te kan werk
- Basiese rekenaarkennis van Microsoft Office
- Kennis van ViTrax sal in u guns tel
- Akkuraat wees
- Beskik oor goeie mense-verhoudinge
- Goeie gesondheid
- Leergierig wees

#### ONS BIED DIE SUKSESVOLLE KANDIDAAT:

- Markverwante pakket
- Tydperk: 3 Jan. tot ±15 Apr. 2019
- Persoon moet beskikbaar wees vir oortyd

**SLUITINGSDATUM VIR  
AANSOEKE:** 26 November 2018

**AANSOEKE KAN GESTUUR  
WORD AAN:**  
bins@cereskoelkamers.co.za

**VIR ENIGE NAVRAE SKAKEL:**  
(023) 315-5003



**DIE jaarlikse Miss Gay Awareness het weer in die Wolseley gemeenskap-saal plaasgevind. Dit was weer 'n aand waar die LG-BTIQ gemeenskap bymekaar kon kom en weer terugploeg in die gemeenskap. Op Saterdag 27 Oktober is 'n nuwe ambassadeur gekroon wat vanjaar sal poog om die beeld van die kompetisie uit te brei en haar gemeenskap beter in te lig oor kwessies wat die LGBTIQ gemeenskap raak. Keisha Ranae is as Miss Gay Awareness 2018 gekies met Ami Garcia as eerste prinses en La-Keshia Singh (tweede prinses). Miss Best Dress was ook gewen deur La-Keshia Singh en Miss Congeniality was Baby Ventura.**

JADE HILLS FARMING PTY LTD

ENVIROAFRICA CC

### NEMA EIA, PUBLIC PARTICIPATION PROCESS JADE HILLS FARMING PTY LTD: PROPOSED CONSTRUCTION OF THE NEW JADE HILLS DAM

(Portion 26 of the Farm Stinkfontein No. 383, Ceres)

Notice is hereby given of a public participation process in terms of the National Environmental Management Act, 1998 (Act 107 of 1998) ("NEMA") and the EIA Regulations (2014) as amended, as well as the National Water Act, 1998 (Act 36 of 1998) ("NWA"); for the application for environmental authorisation (EIA) and a water use licence (WULA) to undertake the following:

Relevant notice(s):	Activity no. (s)	Description
GN. R 327 (2014) Listing Notice 1	9	The development of infrastructure exceeding 1 000m in length for the bulk transportation of water or storm water - (i) with an internal diameter of 0,36m or more; or (ii) with a peak throughput of 120 litres per second or more;
	12	The development of (iv) dams, where the dam, including infrastructure and water surface area exceeds 100m <sup>2</sup> in size; (a) within a watercourse; (c) within 32 metres of a watercourse, measured from the edge of a watercourse.
	19	The infilling or depositing of any materials of more than 10m <sup>3</sup> into, or the dredging, excavation, removal or moving of soil, sand, shells, grit, pebbles or rock of more than 10m <sup>3</sup> from; (i) a watercourse;
GN. R. 325 (2014) Listing Notice 2	27	The clearance of an area of 1ha or more, but less than 20ha of indigenous vegetation;
	16	Development of a dam where the highest part of the dam wall, as measured from the outside toe of the wall to the highest part of the wall, is 5m or higher or where the highwater mark of the dam covers an area of 10ha or more;
GN. R 324 (2014) Listing Notice 3	12	The clearance of an area of 300m <sup>2</sup> or more of indigenous vegetation (i) Western Cape (i) within any critically endangered or endangered ecosystem listed in terms of section 52 of NEMBA or the National Spatial Biodiversity Assessment (ii) Within a CBA;
	14	The development of (iv) dams, where the dam including infrastructure and water surface structure exceeds 10m <sup>2</sup> (i) Western Cape (i) Outside urban areas (ff) CBAs or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans.
Section 21 of NWA	21 (b)	Storing water;
	21 (c)	Impeding or diverting the flow of a watercourse;
	21 (i)	Altering the bed, bank, course or characteristics of a watercourse.

Please note that should additional listed activities be identified during the application process they will be communicated to registered I&APs. EnviroAfrica cc has been appointed by Jade Hills Farming, to undertake the Environmental Impact Assessment for the proposed project. Sarel Bester Ingenieurs BK was appointed to conduct the Water Use Licence Application (WULA).

**Project Description & Location:** (33° 22' 31.67"S, 19° 22' 13.15"E): The proposed development entails the construction of a new dam for the storing of winter water for summer irrigation. It is proposed that construction of the dam occurs in two phases. For phase 1 it is proposed that the dam will have a capacity of ±65 000m<sup>3</sup>, a maximum wall height of ±11.1m, a total surface area of ±2ha. An existing water use for the taking of water exists and water will come from the Rietvallei scheme for phase 1. For phase 2 it is proposed that the dam will have a capacity of ±165 000m<sup>3</sup>, a maximum wall height of ±14.8m, a total surface area of ±3.6ha. A separate WULA will have to be done for the proposed phase 2 development. The dam will be located on agricultural land.

**Description of Alternatives:** Alternative includes layout options and the option of not proceeding with the proposed development (the No-Go option) will be discussed in the application process.

**Public Participation:** Interested and Affected Parties (I&APs) are hereby notified of the application and invited to register (in writing) and/or provide initial comments and identify any issues, concerns or opportunities relating to this project to the contact details provided below, on or before **13 December 2018**. In order to register or submit a comment, I&APs should refer to the project name, and provide their name, address & contact details (indicating your preferred method of notification) and an indication of any direct business, financial, personal, or other interest which they have in the application. Please note that future correspondence will only be sent to registered Interested and Affected Parties.

#### For more information - Consultant:

EnviroAfrica (Jade Hills Dam); P.O. Box 5367, HELDERBERG, 7135  
Fax: 086-512-0154 / Tel: (021) 851-1616 / E-mail: admin@enviroafrica.co.za

9 November 2018

Department of Environment & Development Planning  
Directorate: Land Management (Region 2)  
Private Bag X 9086  
**CAPE TOWN**  
8000

Dear sir or madam,

### Notice of Intent

**IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT NO. 107 OF 1998), AS AMENDED AND THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 (AS AMENDED) FOR:**

**JADE HILLS FARMING PTY LTD: PROPOSED CONSTRUCTION OF THE NEW JADE HILLS DAM  
PORTION 26 OF THE FARM STINKFONTEIN NO. 383, CERES**

Attached please find the Notice of Intent (2x hard copies, of which one is the original and 1x CD) the abovementioned project

If any additional information is required, kindly call EnviroAfrica on 021-851 1616.

Yours sincerely,



Inge Erasmus  
EnviroAfrica



Proof of Posters\_Jade Hills dam

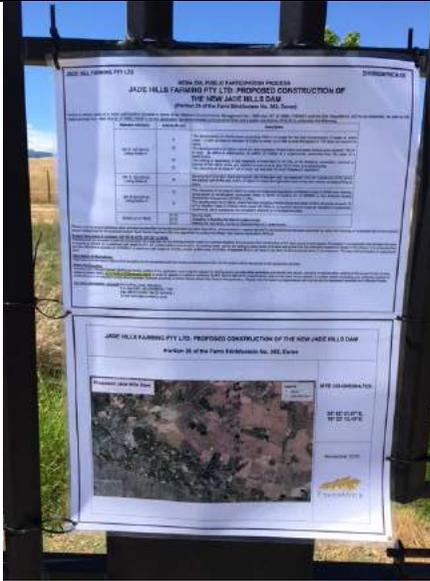


Figure 1: Site Poster on the pedestrian gate on site, Portion 26 Farm Stinkfontein No 383, Ceres.



Figure 2: Site Poster on the pedestrian gate on site, Portion 26 Farm Stinkfontein No 383, Ceres.



Figure 3: Site Poster on the main gate on site, Portion 26 Farm Stinkfontein No 383, Ceres.



Figure 4: Site Poster on the main gate on site, Portion 26 Farm Stinkfontein No 383, Ceres.

Proof of Posters\_Jade Hills dam



Figure 5: Ceres Agrimark sign

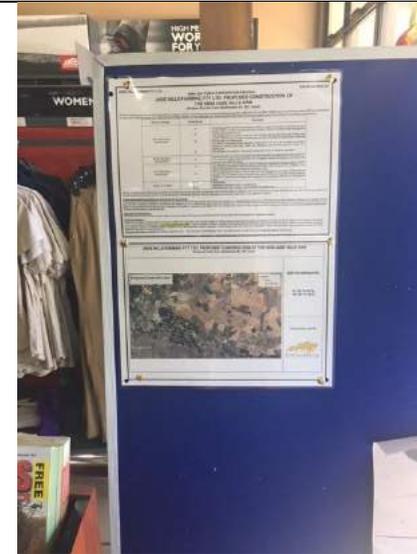


Figure 6: Poster on the notice board as Ceres Agrimark



Figure 7: Poster put up at Triple One stationary shop, across from Pick n Pay at the De Keur Centre, Voortrekker St, Ceres.

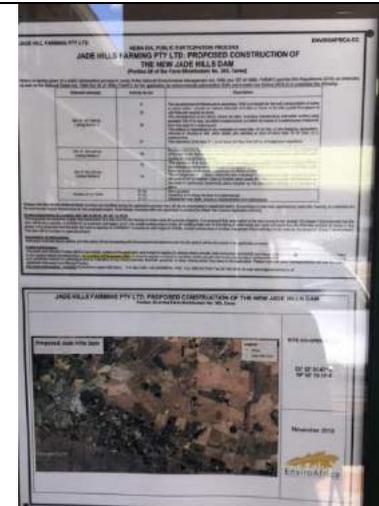


Figure 8: Poster put up at Triple One stationary shop, across from Pick n Pay at the De Keur Centre, Voortrekker St, Ceres. on notice board at Pick n Pay, Ceres

Proof of Posters\_Jade Hills dam



Figure 9: Pick n Pay in De Keur Centre, Ceres



Figure 10: Notification letters were left for the public to take at Pick n Pay, De Keur Centre, Ceres



Figure 11: Witzenberg Municipality Ceres were a poster was put up and notification letters delivered

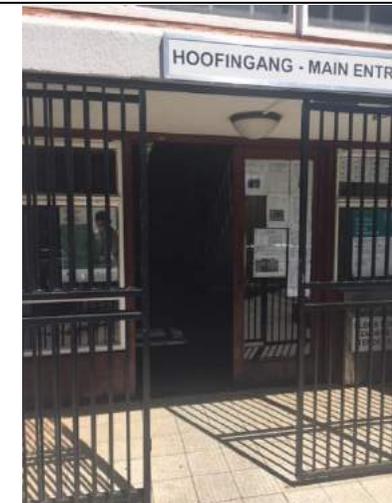


Figure 12: Poster displayed in the window at Witzenberg Municipality, Ceres.

Proof of Posters\_Jade Hills dam

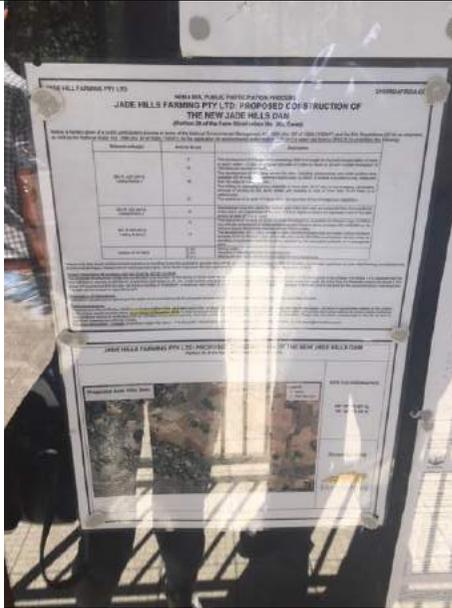


Figure 13: Poster displayed in the window at Witzenberg Municipality, Ceres

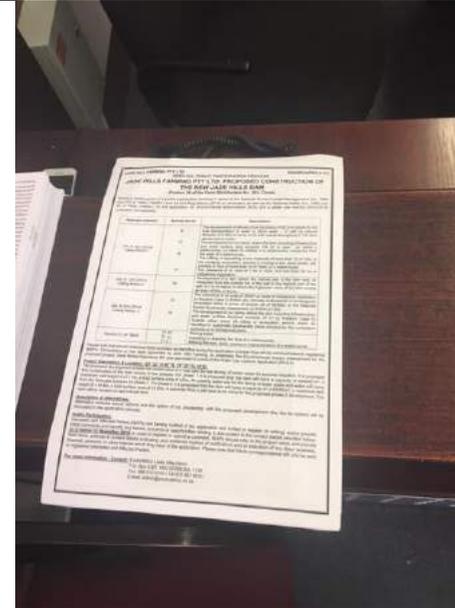


Figure 14: Notification letters were left for the public at Witzenberg Municipality, Ceres.



Figure 15: Notification letters were left for the public at Witzenberg Municipality, Ceres