

**REFERENCE:** 16/3/3/1/B5/14/1070/19  
**NEAS REFERENCE:** WCP/EIA/0000682/2019  
**ENQUIRIES:** Samornay Smidt  
**DATE OF ISSUE:** 20 July 2020

## ENVIRONMENTAL AUTHORISATION

### APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998) AND THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 (AS AMENDED): PROPOSED EXPANSION OF THE GRASSROOTS GROUP DAM ON PORTION 8 OF FARM HARTEBEEKRAAL NO. 88, TULBAGH

With reference to your application for the abovementioned, find below the outcome with respect to this application.

#### DECISION

By virtue of the powers conferred on it by the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA") and the Environmental Impact Assessment ("EIA") Regulations, 2014 (as amended), the Competent Authority herewith **grants Environmental Authorisation** to the applicant to undertake the listed activities specified in section B below with respect to the Preferred Alternative, as described in the Basic Assessment Report ("BAR"), dated 13 December 2019.

In terms of the NEMA, viz, the EIA Regulations, 2014 (Listing Notices 1 and 3 of 2014 in Government Gazette No. 40772 of 7 April 2017) the Competent Authority hereby **adopts the Maintenance Management Plan** for the Grassroots Group Dam on Portion 8 of Farm Hartebeeskraal No. 88, Tulbagh.

The applicant for this Environmental Authorisation is required to comply with the conditions set out in section E below.

#### A. DETAILS OF THE APPLICANT FOR THIS ENVIRONMENTAL AUTHORISATION

The Board of Directors  
Grassroots Group (Pty) Ltd  
c/o Mr. Rikus Muller  
PO Box 16  
**GOUDA**  
6821

The abovementioned applicant is the holder of this Environmental Authorisation and is hereinafter referred to as “**the holder**”.

**B. LIST OF ACTIVITIES AUTHORISED**

Listed Activity	Activity/Project Description
<p>EIA Regulations Listing Notice 1 of 2014 –</p> <p><b>Activity Number: 12</b></p> <p>The development of -</p> <p>(i) dams or weirs, where the dam or weir, including infrastructure and water surface area, exceeds 100 square metres; or</p> <p>(ii) <b>infrastructure or structures with a physical footprint of 100 square metres or more;</b></p> <p>where such development occurs -</p> <p>(a) <b>within a watercourse;</b></p> <p>(b) in front of a development setback; or</p> <p>(c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse; -</p> <p>excluding -</p> <p>(aa) the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour;</p> <p>(bb) where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies;</p> <p>(cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies;</p> <p>(dd) where such development occurs within an urban area;</p> <p>(ee) where such development occurs within existing roads, road reserves or railway line reserves; or</p> <p>(ff) the development of temporary infrastructure or structures where such infrastructure or structures will be removed within 6 weeks of the commencement of development and where indigenous vegetation will not be cleared.</p>	<p>The development footprint of the new dam wall will be more than 100 square metres in extent.</p>
<p>Listing Notice 1 of 2014-</p> <p><b>Activity Number: 19</b></p> <p>The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from—</p> <p>(i) <b>a watercourse;</b></p>	<p>The expansion of the in-stream dam will require infilling or depositing and excavation of more than 10m<sup>3</sup> of material within the watercourse.</p>

<p>but excluding where such infilling, depositing, dredging, excavation, removal or moving—</p> <p>(d) will occur behind a development setback;</p> <p>(e) is for maintenance purposes undertaken in accordance with a maintenance management plan;</p> <p>(f) falls within the ambit of activity 21 in this Notice, in which case that activity applies;</p> <p>(g) occurs within existing ports or harbours that will not increase the development footprint of the port or harbour; or</p> <p>(h) where such development is related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies.</p>	
<p>Listing Notice 1 of 2014-</p> <p><b>Activity Number: 48</b></p> <p>The expansion of-</p> <p>(i) infrastructure of structures where the physical footprint is expanded by 100 square metres or more; or</p> <p>(ii) <b>dams or weirs, where the dam or weir, including infrastructure and water surface area, is expanded by 100 square metres or more;</b></p> <p>where such expansion occurs-</p> <p>(a) <b>within a watercourse;</b></p> <p>(b) in front of a development setback; or</p> <p>(c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse;</p> <p>excluding-</p> <p>(aa) the expansion of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbor;</p> <p>(bb) where such expansion activities are related to the development of a port or harbor, in which case activity 26 in Listing Notice 2 of 2014 applies;</p> <p>(cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies;</p> <p>(dd) where such expansion occurs within an urban area; or</p> <p>(ee) where such expansion occurs within existing roads, road reserves or railway line reserves.</p>	<p>Expansion of existing in-stream dam and the development of a new dam wall.</p>

The abovementioned list is hereinafter referred to as "**the listed activities**".

The holder is herein authorised to undertake the following alternative that includes the listed activities as it relates to the development:

The proposal entails the expansion of an existing in-stream dam with a current storage capacity of 2210m<sup>3</sup>. This will include the removal and rehabilitation of the existing dam wall and the establishment of a new dam wall. The new dam wall will have a wall height of 4.9m, a crest length of 143m and the expanded dam will have a storage capacity of 55 000m<sup>3</sup>.

### C. SITE DESCRIPTION AND LOCATION

The listed activities will be undertaken on Portion 8 of Farm Hartebeeskraal No. 88, Tulbagh.

The SG21 digit code is: C07500000000008800008

Co-ordinates:

Latitude	Longitude
33° 14' 54.78"	18° 57' 09.48"

Refer to Annexure 1: Locality Map and Annexure 2: Site Plan.

The above is hereinafter referred to as "**the site**".

### D. DETAILS OF THE ENVIRONMENTAL ASSESSMENT PRACTITIONER

Eco Impact Legal Consulting (Pty) Ltd  
c/o Ms J Pienaar  
P.O. Box 45707  
**CLAREMONT**  
7735

Tel: (021) 671 1660

Email: admin@ecoimpact.co.za / johmandie@enviro-eap.co.za

### E. CONDITIONS OF AUTHORISATION

#### Scope of authorisation

1. The holder is authorised to undertake the listed activities specified in Section B above in accordance with and restricted to the Preferred Alternative, as described in the BAR dated 13 December 2019 on the site as described in Section C above.
2. The Environmental Authorisation is valid for a period of **five years** from the date of issue, within which commencement must occur.
3. The development must be concluded within **ten years** from the date of commencement of the listed activities.

4. The holder shall be responsible for ensuring compliance with the conditions by any person acting on his/her behalf, including an agent, sub-contractor, employee or any person rendering a service to the holder.
5. Any changes to, or deviations from the scope of the alternative described in section B above must be accepted or approved, in writing, by the Competent Authority before such changes or deviations may be implemented. In assessing whether to grant such acceptance/approval or not, the Competent Authority may request information in order to evaluate the significance and impacts of such changes or deviations, and it may be necessary for the holder to apply for further authorisation in terms of the applicable legislation.

#### **Written notice to the Competent Authority**

6. Seven calendar days' notice, in writing, must be given to the Competent Authority before commencement of construction activity.
  - 6.1 The notice must make clear reference to the site details and EIA Reference number given above.
  - 6.2 The notice must also include proof of compliance with the following conditions described herein:

Conditions: 7, 8, and 12.

#### **Notification and administration of appeal**

7. The holder must in writing, within 14 (fourteen) calendar days of the date of this decision–
  - 7.1 notify all registered Interested and Affected Parties ("I&APs") of –
    - 7.1.1 the outcome of the application;
    - 7.1.2 the reasons for the decision as included in Annexure 3;
    - 7.1.3 the date of the decision; and
    - 7.1.4 the date when the decision was issued.
  - 7.2 draw the attention of all registered I&APs to the fact that an appeal may be lodged against the decision in terms of the National Appeals Regulations, 2014 (as amended) detailed in Section G below;
  - 7.3 draw the attention of all registered I&APs to the manner in which they may access the decision;
  - 7.4 provide the registered I&APs with:
    - 7.4.1 the name of the holder (entity) of this Environmental Authorisation,
    - 7.4.2 name of the responsible person for this Environmental Authorisation,
    - 7.4.3 postal address of the holder,
    - 7.4.4 telephonic and fax details of the holder,
    - 7.4.5 e-mail address, if any, of the holder, and
    - 7.4.6 contact details (postal and/or physical address, contact number, facsimile and e-mail address) of the decision-maker and all registered I&APs in the event that an appeal is lodged in terms of the 2014 National Appeals Regulations (as amended).

8. The listed activities, including site preparation, must not commence within 20 (twenty) calendar days from the date the applicant notified the registered I&APs of this decision. In the event that an appeal is lodged with the Appeal Authority, the effect of this Environmental Authorisation is suspended until the appeal is decided i.e. the listed activities, including site preparation, must not commence until the appeal is decided.

### **Management of activity**

9. The draft Environmental Management Programme ("EMPr") submitted as part of the application for Environmental Authorisation is hereby approved and must be implemented.
10. The MMP adopted as part of this Environmental Authorisation must be implemented.
11. The EMPr and MMP must be included in all contract documentation for all phases of implementation.

### **Monitoring**

12. The holder must appoint a suitably experienced environmental control officer ("ECO") before commencement of any land clearing or construction activity to ensure compliance with the EMPr and the conditions contained herein.
13. A copy of the Environmental Authorisation, EMPr, MMP, audit reports and compliance monitoring reports must be kept at the site of the authorised activities, and must be made available to anyone on request, including a publicly accessible website.
14. Access to the site referred to in Section C must be granted, and the environmental reports mentioned above must be produced, to any authorised official representing the Competent Authority who requests to see it for the purposes of assessing and/or monitoring compliance with the conditions contained herein.

### **Auditing**

15. In terms of Regulation 34 of the NEMA EIA Regulations, 2014 (as amended), the holder must conduct environmental audits to determine compliance with the conditions of the Environmental Authorisation, the EMPr, MMP, and submit Environmental Audit Reports to the Competent Authority. The Environmental Audit Report must be prepared by an independent person and must contain all the information required in Appendix 7 of the NEMA EIA Regulations, 2014 (as amended).

The holder must undertake an environmental audit every six months for the duration of the construction phase and submit Environmental Audit Reports to the Competent Authority once a year during the construction phase. The final Environmental Audit Report must be submitted to the Competent Authority within three months after operation commenced.

The holder must, within 7 days of the submission of each of the above-mentioned reports to the Competent Authority, notify all potential and registered I&APs of the submission and make the report available to anyone on request and on a publicly accessible website (if applicable).

## Specific Conditions

16. Should any heritage remains be exposed during excavations or any other actions on the site, these must immediately be reported to the Provincial Heritage Resources Authority of the Western Cape, Heritage Western Cape. Heritage remains uncovered or disturbed during earthworks must not be further disturbed until the necessary approval has been obtained from Heritage Western Cape.

Heritage remains include: meteorites, archaeological and/or palaeontological remains (including fossil shells and trace fossils); coins; indigenous and/or colonial ceramics; any articles of value or antiquity; marine shell heaps; stone artifacts and bone remains; structures and other built features with heritage significance; rock art and rock engravings; and/or graves or unmarked human burials including grave goods and/or associated burial material.

17. A qualified archaeologist and/or palaeontologist must be contracted where necessary (at the expense of the holder) to remove any heritage remains. Heritage remains can only be disturbed by a suitably qualified heritage specialist working under a directive from the relevant heritage resources authority.
18. The relevant requirements with respect to occupational health and safety must be adhered to at all times.

## F. GENERAL MATTERS

1. Notwithstanding this Environmental Authorisation, the holder must comply with any other statutory requirements that may be applicable when undertaking the listed activities.
2. Non-compliance with a condition of this Environmental Authorisation or EMPr may render the holder liable to criminal prosecution.
3. If the holder does not commence with the listed activities within the period referred to in Condition 2, this Environmental Authorisation shall lapse for that activities, and a new application for Environmental Authorisation must be submitted to the Competent Authority. If the holder wishes to extend the validity period of the Environmental Authorisation, an application for amendment in this regard must be made to the Competent Authority prior to the expiry date of the Environmental Authorisation.
4. The holder must submit an application for amendment of the Environmental Authorisation to the Competent Authority where any detail with respect to the Environmental Authorisation must be amended, added, substituted, corrected, removed or updated. If a new holder is proposed, an application for Amendment in terms of Part 1 of the EIA Regulations, 2014 (as amended) must be submitted.

Please note that an amendment is not required if there is a change in the contact details of the holder. In this case, the Competent Authority must only be notified of such changes.

5. The manner and frequency for updating the EMPr is as follows:

Amendments to the EMPr must be done in accordance with Regulations 35 to 37 of the EIA Regulations 2014, (as amended) or any relevant legislation that may be applicable at the time.

## G. APPEALS

Appeals must comply with the provisions contained in the National Appeal Regulations 2014 (as amended).

1. An appellant (if the holder of the decision) must, within 20 (twenty) calendar days from the date on which notification of the decision was sent to the holder by the Competent Authority–
  - 1.1. Submit an appeal in accordance with Regulation 4 of the National Appeal Regulations 2014 (as amended) to the Appeal Administrator; and
  - 1.2. Submit a copy of the appeal to any registered I&APs, any Organ of State with interest in the matter and the decision-maker i.e. the Competent Authority that issued the decision.
2. An appellant (if NOT the holder of the decision) must, within 20 (twenty) calendar days from the date on which the holder of the decision sent notification of the decision to the registered I&APs–
  - 2.1. Submit an appeal in accordance with Regulation 4 of the National Appeal Regulations 2014 (as amended) to the Appeal Administrator; and
  - 2.2. Submit a copy of the appeal to the holder of the decision, any registered I&AP, any Organs of State with interest in the matter and the decision-maker i.e. the Competent Authority that issued the decision.
3. The holder of the decision (if not the appellant), the decision-maker that issued the decision, the registered I&AP and the Organs of State must submit their responding statements, if any, to the appeal authority and the appellant within 20 (twenty) calendar days from the date of receipt of the appeal submission.
4. The appeal and the responding statement must be submitted to the address listed below:

By post:                      Western Cape Ministry of Local Government, Environmental Affairs and  
Development Planning  
Private Bag X9186  
CAPE TOWN  
8000

By facsimile:              (021) 483 4174; or

By hand:                      Attention: Mr Marius Venter (Tel: 021 483 2659)  
Room 809  
8<sup>th</sup> Floor Utilitas Building, 1 Dorp Street, Cape Town, 8001

**Note:** For purposes of electronic database management, you are also requested to submit electronic copies (Microsoft Word format) of the appeal, responding statement and any supporting documents to the Appeal Authority to the address listed above and/ or via e-mail to [DEADP.Appeals@westerncape.gov.za](mailto:DEADP.Appeals@westerncape.gov.za).

5. A prescribed appeal form as well as assistance regarding the appeal processes is obtainable from Appeal Authority at: Tel. (021) 483 3721, E-mail [DEADP.Appeals@westerncape.gov.za](mailto:DEADP.Appeals@westerncape.gov.za) or URL <http://www.westerncape.gov.za/eadp>.



## H. DISCLAIMER

The Western Cape Government, the Local Authority, committees or any other public authority or organisation appointed in terms of the conditions of this Environmental Authorisation shall not be responsible for any damages or losses suffered by the holder, developer or his/her successor in any instance where construction or operation subsequent to construction is temporarily or permanently stopped for reasons of non-compliance with the conditions as set out herein or any other subsequent document or legal action emanating from this decision.

Your interest in the future of our environment is appreciated.

Yours faithfully



---

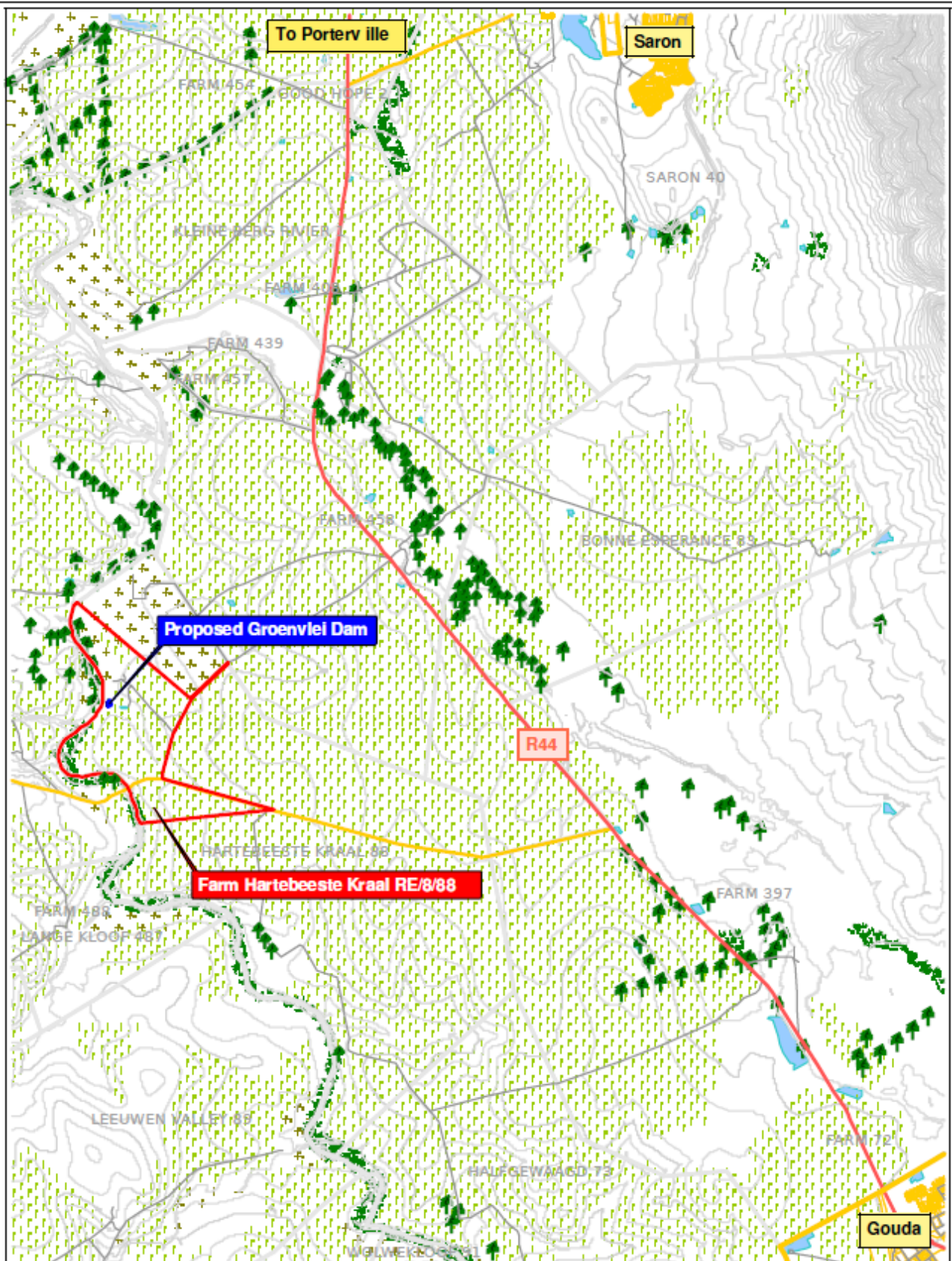
**MR. ZAAHIR TOEFY**  
**DIRECTOR: DEVELOPMENT MANAGEMENT (REGION 1)**

**DATE OF DECISION: 20 JULY 2020**

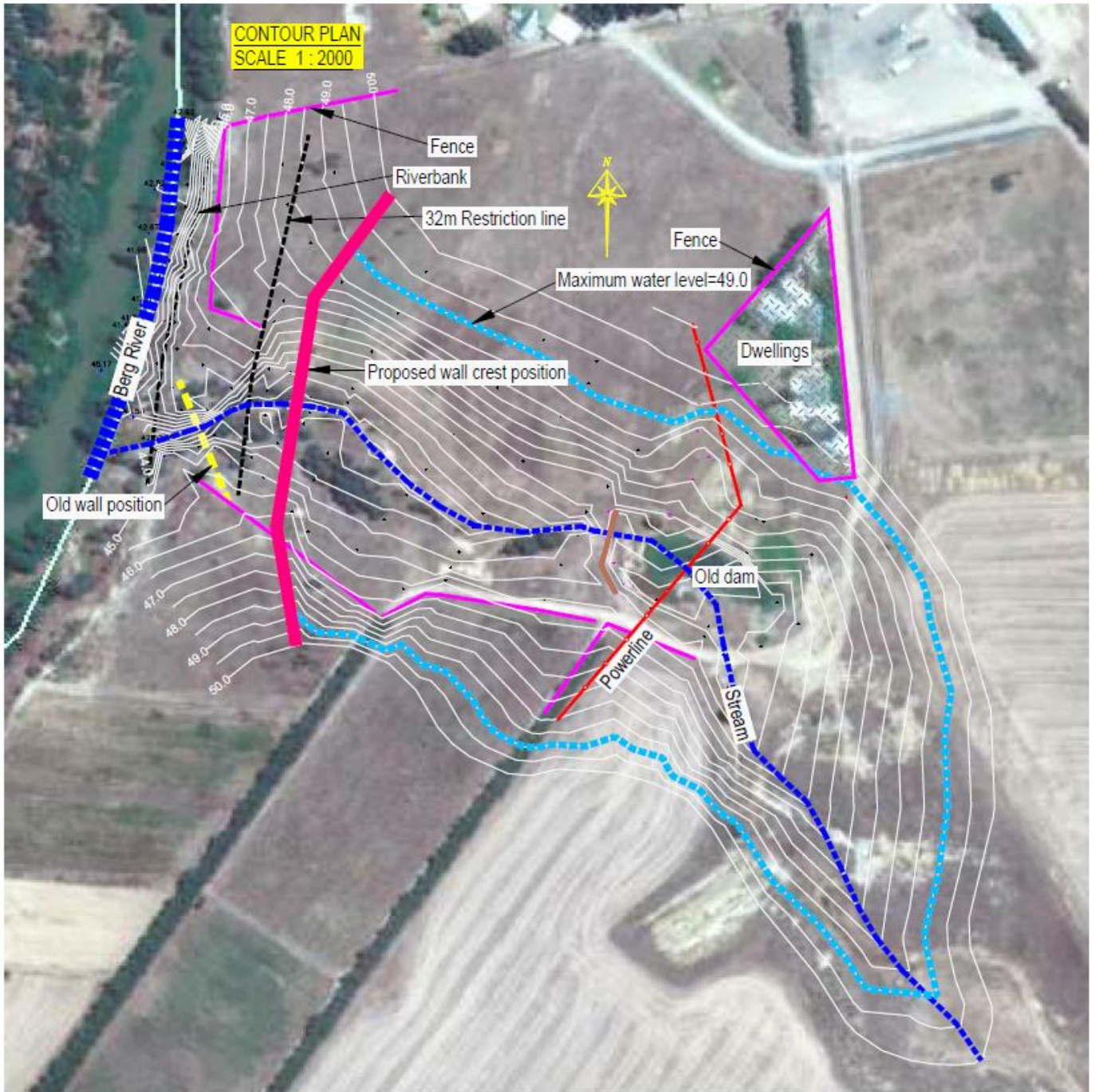
Cc: (1) J Pienaar (Eco Impact Legal Consulting)  
(2) C Winter (Drakenstein Municipality)  
(3) N Ndobeni (Department of Water and Sanitation)  
(4) P Huntly (CapeNature)

Email: johmandie@enviro-eap.co.za  
Email: Cindy.Winter@drakenstein.gov.za  
Email: ndobeni2@dws.gov.za  
Email: phuntly@capenature.co.za

# ANNEXURE 1: LOCALITY MAP



## ANNEXURE 2: SITE PLAN



### **ANNEXURE 3: REASONS FOR THE DECISION**

In reaching its decision, the Competent Authority considered, *inter alia*, the following:

- a) The information contained in the Application Form dated 4 October 2019 and the EMPr and MMP submitted together with final BAR on 13 December 2019;
- b) Relevant information contained in the Departmental information base, including the Guidelines on Public Participation and Alternatives (dated March 2013);
- c) The objectives and requirements of relevant legislation, policies and guidelines, including section 2 of the National Environmental Management Act, 1998 (Act No. 107 of 1998);
- d) The comments received from I&APs and responses to these, included in the BAR dated 13 December 2019; and
- e) The balancing of negative and positive impacts and proposed mitigation measures.

No site visits were conducted. The competent authority had sufficient information before it to make an informed decision without conducting a site visit.

All information presented to the Competent Authority was taken into account in the consideration of the application for Environmental Authorisation. A summary of the issues that were considered to be the most significant for the decision is set out below.

#### **1. Public Participation**

The public participation process included:

- identification of and engagement with I&APs;
- fixing notice boards at the site where the listed activities are to be undertaken on 8 November 2018;
- giving written notice to the owners and occupiers of land adjacent to the site where the listed activities are to be undertaken, the municipality and ward councillor, and the various Organs of State having jurisdiction in respect of any aspect of the listed activities on 14 November 2018;
- the placing of a newspaper advertisement in the 'Worcester Standard' on 15 November 2018;
- circulating the pre-application draft BAR to I&APs from 29 April 2019; and
- circulating the in-process draft BAR to I&APs from 4 October 2019.

The Department is satisfied that the Public Participation Process that was followed met the minimum legal requirements and the comments raised and responses thereto were included in the comments and response report.

Specific alternatives, management and mitigation measures have been considered in this Environmental Authorisation, EMPr and MMP to adequately address the concerns raised.

## 2. Alternatives

### Preferred Alternative (Herewith authorised)

The alternative entails the expansion of an existing in-stream dam with a storage capacity of 2210m<sup>3</sup>. This will include the removal and rehabilitation of the existing dam wall and the establishment of a new dam wall. The new dam wall will have a wall height of 4.9m, a crest length of 143m and the expanded dam will have a storage capacity of 55 000m<sup>3</sup>.

The expansion of the existing in-stream dam was deemed to be the only reasonable and feasible option. Based on the findings of the dam engineering investigation, dated 6 June 2018 and compiled by Sarel Bester Engineers BK, limited location alternatives are available to place the dam, due to the relatively flat topography of the farm. The extent of the enlarged capacity is also based on engineering constraints, which revealed that only 55 000m<sup>3</sup> can be accommodated on the selected site. This alternative is also preferred based on the findings of the Ecological Impact Assessment, dated 25 February 2019, compiled by Ecolmpact Legal Consulting and peer reviewed by Nemaï Consulting. In addition, no new infrastructure will be required to abstract water from the Berg River, which further limits the potential environmental impact of the proposed development.

### "No-Go" Alternative

The 'no-go' alternative was considered. However, it is not preferred since it will not provide the surety of water supply during water scarcity and the opportunity to secure and increase the economic viability of the farm will be lost.

## 3. Impact Assessment and Mitigation measures

### 3.1 Activity need and desirability

The property has a nursery of approximately 23 ha where indigenous plants with commercial potential is grown and research conducted to alleviate the pressure on natural occurring plants harvested for the production of dried medicinal and herbal botanicals. The proposed expansion of the dam is primarily to increase the efficiency of water storage on the farm and to ensure that there will be sufficient storage and supply of water to grow and produce these plants, especially during dry summer months and potential drought situations. The water to fill the proposed expanded dam will be taken from the Berg River and it forms part of the existing scheduled listed winter water allocation from the Lower Berg River Irrigation Board and no additional water will be taken. The proposed development will not only promote water management efficiency, but also enhance the economic viability of the farm. Furthermore, the development is consistent with the surrounding land uses, with storage dams providing the requisite water supply to support the farming activities.

### 3.2 Biophysical Impacts

The non-perennial river in which the proposed dam expansion is planned is an unnamed tributary of the Berg River that was identified as an Ecological Support Area ("ESA") in the latest Western Cape Biodiversity Spatial Plan (2017). ESA's are supporting zones required to prevent the degradation of Critical Biodiversity Areas ("CBA") and Protected Areas. The Berg River adjacent and downstream of the dam expansion site was identified as an Aquatic CBA and its buffer areas as an ESA. The proposed dam expansion however falls outside the Berg River flood plain and buffer areas and therefore outside the identified CBAs and ESAs.

An area with poor to moderate critically endangered Swartland Shale Renosterveld vegetation occurs upstream of the proposed dam and its catchment basin. The vegetation is commonly dominated by alien grasses, as a result of the current and past agricultural activities in the area. Limited riparian

vegetation was recorded within the area that will be impacted by the expanded dam, due to onsite agricultural activities and upstream impacts on the non-perennial river. The unnamed tributary has therefore been largely transformed and the overall loss of natural habitat, biota and basic ecosystem function are extensive. Since the Ecological Importance and Sensitivity of the development site is assessed as low to marginal, the potential impact of the proposed development is deemed to be of low significance, with the implementation of the mitigation measures outlined in the EMPr.

In addition, a Water Use Licence Application ("WULA") in terms of the National Water Act, 1998 (Act 38 of 1998) has been submitted to the Department of Water and Sanitation, for the expansion of the Grassroots Group Dam, who will further investigate the watercourse related impacts.

Furthermore, a MMP has also been compiled to address routine maintenance activities taking place in the watercourses. The maintenance of the structures authorised in this Environmental Authorisation forms part of this MMP. It must be noted that the accepted maintenance activities only relate to the activities described in the MMP. Should any new activities and associated infrastructure, not included in the MMP, require maintenance and if any of the applicable listed activities are triggered, an Environmental Authorisation must be obtained prior to the undertaking of such activities. It remains the responsibility of the proponent to determine if any other listed activities are triggered and to ensure that the necessary Environmental Authorisation is obtained.

The fact that the MMP is adopted by the Competent Authority does not absolve the applicant from its general "duty of care" set out in Section 28(1) of the NEMA, which states that *"Every person who causes, has caused or may cause significant pollution or degradation of the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing or recurring, or, in so far as such harm to the environment is authorised by law or cannot reasonably be avoided or stopped, to minimise and rectify such pollution or degradation of the environment."* (Note: When interpreting their "duty of care" responsibility, cognisance must be taken of the principles of sustainability contained in Section 2 of NEMA).

#### **Negative Impacts:**

- It was determined that the potential negative impacts during the construction phase of the development, such as the loss and degradation of freshwater ecological habitats, water quality impairment and flow modification, will be of low significance after mitigation and adherence to the EMPr.

#### **Positive impacts:**

- The proposed development will increase the efficiency of water storage on the farm and ensure water supply during the dry summer months and potential drought situations.
- The development will ensure the economic viability of the farm, create employment opportunities during the construction phase and will provide job security for existing employees.

## **4. National Environmental Management Act Principles**

The National Environmental Management Principles (set out in section 2 of the NEMA, which apply to the actions of all organs of state, serve as guidelines by reference to which any organ of state must exercise any function when taking any decision, and which must guide the interpretation, administration and implementation of any other law concerned with the protection or management of the environment), *inter alia*, provides for:

- the effects of decisions on all aspects of the environment to be taken into account;

- the consideration, assessment and evaluation of the social, economic and environmental impacts of activities (disadvantages and benefits), and for decisions to be appropriate in the light of such consideration and assessment;
- the co-ordination and harmonisation of policies, legislation and actions relating to the environment;
- the resolving of actual or potential conflicts of interest between organs of state through conflict resolution procedures; and
- the selection of the best practicable environmental option.

## 5. Conclusion

In view of the above, the NEMA principles, compliance with the conditions stipulated in this Environmental Authorisation, and compliance with the EMPr, the Competent Authority is satisfied that the proposed listed activities will not conflict with the general objectives of integrated environmental management stipulated in Chapter 5 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) and that any potentially detrimental environmental impacts resulting from the listed activities can be mitigated to acceptable levels.

-----END-----