

APPLICATION FORM NOTIFICATION OF INTENT TO DEVELOP SECTION 38 (1) AND SECTION 38 (8)

Heritage Western Cape Reference No:

To be completed by
applicant

20051901

Completion of this form is required by Heritage Western Cape for the initiation of all impact assessment processes under Section 38 (1) & (8) of the National Heritage Resources Act (NHRA).

Whilst it is not a requirement, it may expedite processes and in particular avoid calls for additional information if certain of the information required in this form is provided by a heritage specialist/s with the necessary qualifications, skills and experience.

A. APPLICABILITY OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT (NEMA)

DEADP/ DMR Reference Number:

This application is made in terms of Section 38(8) of the NHRA and an application under NEMA has been made to the following authority:
Department of Environment Affairs and Development Planning (DEADP)

This development will not require a NEMA application.

NOTE:

Making an incorrect statement or providing incorrect information in this part of the form may result in all or part of the application having to be reconsidered by HWC in the future, or submission of a new application.

B. BASIC DETAILS

PROPERTY DETAILS:

Name of property: **Proposed development of an instream dam on Portions 2 and 3 of Farm No. 1100, Bonathaba, Malmesbury, Western Cape**

Street address or location (eg: off R44): **About 4kms west of the R44/Wellington Road (Figures 1-4)**

Erf or farm number/s: **Ptn 2 & 3 of Farm No. 1100**

Coordinates:
S **33°31'15.21"**
E **18°55'15.90"**
(A logical centre point. Format based on WGS84.)

Town or District: **Hermon/Wellington**

Municipality: **Drakenstein Municipality**

Extent of property: **+ - 17ha including full inundation area (15ha)**

Current use: **Agriculture (vineyards) & vacant agricultural land**

Predominant land use/s of surrounding properties: **Agriculture (mainly dry land wheat, vineyards, olives battery chicken, & grazing).**

REGISTERED OWNER OF PROPERTY:

Name and Surname:		
Address		
Telephone	Cell	E-mail
APPLICANT/ AUTHORISED AGENT:		
Name and Surname:		
Address:		
Telephone	Cell	E-mail
<p>By the submission of this form and all material submitted in support of this notification (ie: 'the material'), all applicant parties acknowledge that they are aware that the material and/or parts thereof will be put to the following uses and consent to such use being made: filing as a public record; presentations to committees, etc; inclusion in databases; inclusion on and downloading from websites; distribution to committee members and other stakeholders and any other use required in terms of powers, functions, duties and responsibilities allocated to Heritage Western Cape under the terms of the National Heritage Resources Act. Should restrictions on such use apply or if it is not possible to copy or lift information from any part of the digital version of the material, the material will be returned unprocessed.</p>		
<p>I confirm that I enclose with this form two hardcopies of all material submitted together with a CD/ USB containing digital versions of all of the same.</p>		

Signature of Owner: _____ Date: _____

Signature of Applicant/ Authorised Agent: _____ Date: _____
 (Applicants/ agents must attach copy of power of attorney to this form.)

C. DEVELOPMENT DETAILS:

Please indicate below which of the following Sections of the National Heritage Resources Act, or other legislation has triggered the need for notification of intent to develop.

<input checked="" type="checkbox"/> S38(1)(a) Construction of a road, wall, powerline, pipeline, canal or other similar form of linear development or barrier over 300m in length.	S38(1)(c) Any development or activity that will change the character of a site -
<input type="checkbox"/> S38(1)(b) Construction of a bridge or similar structure exceeding 50m in length.	<input checked="" type="checkbox"/> (i) exceeding 5 000m ² in extent;
<input type="checkbox"/> S38(1)(d) Rezoning of a site exceeding 10 000m ² in extent.	<input type="checkbox"/> (ii) involving three or more existing erven or subdivisions thereof;
<input type="checkbox"/> Other triggers, eg: in terms of other legislation, (ie: National Environment Management Act, etc.) Please set out details: NEMA	<input type="checkbox"/> (iii) involving three or more erven or divisions thereof which have been consolidated within the past five years.
	<p>If you have checked any of the three boxes above, describe how the proposed development will change the character of the site:</p> <p>The proposed development will change the character of the site, but a new dam will complement the surrounding land use which is predominantly agriculture (refer to Figures 6-16).</p>

If an impact assessment process has also been / will be initiated in terms of other legislation please provide the following information:

Authority / government department (ie: consenting authority) to which information has been /will be submitted for final decision: **Department of Environment Affairs and Development Planning (DEADP)**

Present phase at which the process with that authority stands:

Initiation of the project, but a Basic Assessment (BA) process will be followed.

Enviroafrica is the appointed independent Environmental Assessment Practitioner responsible for facilitating environmental authorization for the development

Provide a full description of the nature and extent of the proposed development or activity including its potential impacts:

The proposed new Bonathaba Dam will have a wall height of 18m, and a storage capacity of 1 000 000m³. The full inundation area of the dam will be 15.5ha, but it is proposed that an area of approximately 17ha will be cleared of vegetation to accommodate the dam. A portion of existing vineyards will also be lost as the proposed footprint area is located within, and adjacent existing vineyards. No new roads will need to be constructed, as existing farm roads will be used to gain access to the site. An outlet pipe will be connected to a new pump house that will have a development footprint of 150m². New irrigation pipelines will also be developed. A spillway will be created on the left flank of the new dam. A new pipeline will tie in with an existing asbestos pipe from the Bergrivier, and will be connected to the proposed pump house.

A site plan is presented in Figure 5

D. ANTICIPATED IMPACTS ON HERITAGE RESOURCES

Section 3 of the National Heritage Resources Act sets out the following categories of heritage resource as forming part of the national estate. Please indicate the known presence of any of these by checking the box alongside and then providing a description of each occurrence, including nature, location, size, type

Failure to provide sufficient detail or to anticipate the likely presence of heritage resources on the site may lead to a request for more detailed specialist information.

(The assistance of relevant heritage professionals is particularly relevant in completing this section.)

Provide a short history of the site and its environs (Include sources where available):

Wine grapes have been cultivated on Bonathaba Farm for many years, while historically dryland wheat farming and grazing has also taken place.

Please indicate which heritage resources exist on the site and in its environs, describe them and indicate the nature of any impact upon them:

<input type="checkbox"/>	<p>Places, buildings, structures and equipment of cultural significance</p> <p>Description of resource:</p> <p>Description of impact on heritage resource: No building or structures will be impacted by the proposed development.</p>
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<input type="checkbox"/>	<p>Places to which oral traditions are attached or which are associated with living heritage</p> <p>Description of resource:</p> <p>Description of impact on heritage resource: n/a</p>
<input type="checkbox"/>	<p>Historical settlements and townscapes</p> <p>Description of resource:</p> <p>Description of impact on heritage resource: n/a</p>
<input type="checkbox"/>	<p>Landscapes and natural features of cultural significance</p> <p>Description of resource:</p> <p>Description of impact on heritage resource: n/a</p>
<input type="checkbox"/>	<p>Geological resources of scientific or cultural importance</p> <p>Description of resource:</p> <p>Description of impact on heritage resource: n/a</p>
<input type="checkbox"/>	<p>Archaeological resources (Including archaeological sites and material, rock art, battlefields & wrecks):</p> <p>Description of resource: Stone tools</p> <p>Description of impact on heritage resource: Early Stone Age tools have been recorded on numerous several farms in the surrounding area, including near Hermon, close to the study area, but these all occur in a severely transformed and degraded context (Kaplan 2001, 2007, 2006, 2005a, b & personnel observation). Similar results were generated by the Porterville Berg River study by the archaeologist Tim Hart (1987).</p> <p>Hart, &. 1987. The Porterville Survey. In Parkington, J. & Hall, M. (eds). Papers in the prehistory of the Western Cape, South Africa. Oxford: BAR International Series 332:404-423.</p> <p>Kaplan, J. 2001. Gamma-Omega 755Kv Transmission Line. Heritage Management Plan. Report prepared for PD Naidoo & Associates & PBA International Agency. ACRM, Riebeek West.</p> <p>Kaplan, J. 2007. AIA, proposed construction of chicken houses on Ptn 4 and 18 of the Farm Skoenmakersfontein 486, Riebeek West. Report prepared for Enviroafrica. ACRM, Cape Town</p> <p>Kaplan, J. 2005a. AIA, proposed borrow pits alongside DR1154, Riebeek Kasteel. Report prepared for Megan Anderson Landscape Architect. ACRM, Riebeek West</p> <p>Kaplan, J. 2005b. Phase 1 AIA, proposed housing development, Portion 11 of Farm Vrischgewaagd No. 401, Malmesbury. Report prepared for Enviroafrica. ACRM, Riebeek West</p>
<input type="checkbox"/>	<p>Palaeontological resources (ie: fossils):</p> <p>Description of resource:</p> <p>Description of impact on heritage resource: n/a low (Blue) on SAHRIS palaeo-sensitivity map</p>
<input type="checkbox"/>	<p>Graves and burial grounds (eg: ancestral graves, graves of victims of conflict, historical graves & cemeteries):</p> <p>Description of Resource:</p>

	Description of Impact on Heritage Resource: n/a
<input type="checkbox"/>	Other human remains: Description of resource: Description of impact on heritage resource: n/a
<input type="checkbox"/>	Sites of significance relating to the history of slavery in South Africa: Description of resource: Description of impact on heritage resource: n/a
<input type="checkbox"/>	Other heritage resources: Description of resource: Description of impact on heritage resource: n/a

Describe elements in the environs of the site that could be deemed to be heritage resources:

Possibly a few ESA stone tools in a degraded & transformed context

Description of impacts on heritage resources in the environs of the site:

Impact likely to be low to negligible

Summary of anticipated impacts on heritage resources:

Anticipated impact, very low

E. ILLUSTRATIVE MATERIAL (This form will not be processed unless the following are included):

Attach to this form a minimum A4 sized locality plan showing the boundaries of the area affected by the proposed development, its environs, property boundaries and a scale. The plan must be of a scale and size that is appropriate to creating a clear understanding of the development.

Attach also other relevant graphic material such as maps, site plans, satellite photographs and photographs of the site and the heritage resources on it and in its environs. These are essential to the processing of this notification.

Please provide all graphic material on paper of appropriate size and on CD/ USB in JPEG format. It is essential that graphic material be annotated via titles on the photographs, map names and numbers, names of files and/or provision of a numbered list describing what is visible in each image.

F. RECOMMENDATION

In your opinion do you believe that a heritage impact assessment is required? Yes No

Recommendation made by:

Name **Jonathan Kaplan (Agency for Cultural Resource Management).**
ASAPA CRM Membership No. 84 (in good standing)

Capacity **Heritage practitioner (archaeologist)**

PLEASE NOTE: No Heritage Impact Assessment should be submitted with this form or conducted until Heritage Western Cape has expressed its opinion on the need for such and the nature thereof.

G. INFORMATION TO BE PROVIDED AND STUDIES TO BE CONDUCTED AS PART OF THE HERITAGE IMPACT ASSESSMENT (HIA)

If it is recommended that an HIA is required, please complete this section of the form.

DETAILS OF STUDIES TO BE CONDUCTED IN THE INTENDED HIA

In addition to the requirements set out in Section 38(3) of the NHRA, indicate envisaged studies:

<input type="checkbox"/>	Heritage resource-related guidelines and policies.
<input type="checkbox"/>	Local authority planning and other laws and policies.
<input type="checkbox"/>	Details of parties, communities, etc. to be consulted.
<input type="checkbox"/>	Specialist studies, eg: archaeology, palaeontology, architecture, townscape, visual impact, etc. Provide details:
<input type="checkbox"/>	Other. Provide details:

PLEASE NOTE: Any further studies which Heritage Western Cape requires should be submitted must be in the form of a single, consolidated report with a single set of recommendations. Specialist studies must be incorporated in full, either as chapters of the report, or as annexures thereto.