



iLifa leMveli leNtshona Koloni
Erfenis Wes-Kaap
Heritage Western Cape

**NOTIFICATION
 OF
 INTENT
 TO
 DEVELOP**

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)

HWC Case Number: 17051911

DEADP Reference Number: N/A. DEA&DP NID to be submitted.

NOTE: A DEADP (W Cape Dept. Environment Affairs & Development Planning) reference number must be included in all NHRA Section 38(8) processes where DEADP is the decision making authority under NEMA. The effect of this requirement is that the NEMA process must be initiated with DEADP prior to the NHRA process with HWC.

If a DEADP reference number is not entered above please check one of the following boxes:

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 Environmental Affairs and Development Planning

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: Remainder of Farm Bakovend 403, Gouda district.

Street address or location (eg: off R44): The property and proposed dam site is situated west of the Berg River east of the Moorreesburg to Gouda gravel road approximately 23 east of Moorreesburg.

Erf or farm number/s: Remainder of Farm 403, Gouda

Coordinates: 33 11'34"S 18 55' 41"E
 (A logical centre point. Format based on WGS84.)

Town or District: Malmesbury

Responsible Municipality: Swartland Municipality

Extent of property: 282.73 Ha

Current use: Agriculture 1

Predominant land use/s of surrounding properties: Agriculture.

REGISTERED OWNER OF PROPERTY:

Name Mr M.G. Hanekom (Arbeidsgenot Farm)

Address PO B0x 23, Moorreesburg, 7310

Telephone 022 433 2622	Cell 082 323 1911	E-mail maris@moorreesburg.co.za
<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 four hardcopies of all material submitted together with a CD ROM containing digital versions of all of the same.</p>		

Signature of owner or authorised agent
(Agents must attach copy of power of attorney to this form.)

Date / July / 2017

DEVELOPMENT DETAILS:

<p>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.</p>	
<input 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.	<p>S38(1)(c) Any development or activity that will change the character of a site -</p> <input type="checkbox"/> (i) exceeding 5 000m ² in extent; <input type="checkbox"/> (ii) involving three or more existing erven or subdivisions thereof; <input type="checkbox"/> (iii) involving three or more erven or divisions thereof which have been consolidated within the past five years.
<input type="checkbox"/> S38(1)(b) Construction of a bridge or similar structure exceeding 50m in length.	
<input type="checkbox"/> S38(1)(d) Rezoning of a site exceeding 10 000m ² in extent.	
<input checked="" type="checkbox"/> Other triggers, eg: in terms of other legislation, (ie: National Environment Management Act, etc.) Please set out details: Listing Notice 1 and 2 activities trigger the need for a Scoping EIR process	<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>If an impact assessment process has also been / will be initiated in terms of other legislation please provide the following information:</p> <p>Authority / government department (ie: consenting authority) to which information has been /will be submitted for final decision: Department of Environmental Affairs and Development Planning</p> <p>Present phase at which the process with that authority stands: Scoping Report being compiled.</p>	

Provide a **full** description of the nature and extent of the proposed development or activity including its **potential impacts** (eg: changes in land use, envisaged timeframes, provision of additional bulk services, excavations, landscaping, total floor area, height of development, etc. etc.): The dam's catchment of 0.2 km² is located in the quaternary catchment G10J. The proposed dam will have a storage capacity of 324 000 m³, dam wall height of 13.5 and a surface area of 6.2ha.

C. HERITAGE RESOURCES AND IMPACTS THEREUPON

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): Ploughed and planted agricultural lands. No signs of any heritage resources and archaeological features on site.

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:</p>
<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:</p>
<input type="checkbox"/>	<p>Historical settlements and townscapes</p> <p>Description of resource:</p> <p>Description of impact on heritage resource:</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:</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:</p>
<input type="checkbox"/>	<p>Archaeological resources (Including archaeological sites and material, rock art, battlefields & wrecks):</p> <p>Description of resource:</p> <p>Description of impact on heritage resource:</p>
<input type="checkbox"/>	<p>Palaeontological resources (ie: fossils):</p> <p>Description of resource:</p> <p>Description of impact on heritage resource:</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> <p>Description of Impact on Heritage Resource:</p>

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

Describe elements in the environs of the site that could be deemed to be heritage resources: Section 38 of the National Heritage Resources Act, 1999 (Act No. 25 of 1999), is NON of the sections of the National Heritage Resources Act are triggered. The development will not impact on any national estate referred to in section 3(2) of the National Heritage Resources Act, 1999 nor on a structure older than 60 years in any way.

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

Summary of anticipated impacts on heritage resources: None anticipated

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 ROM 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.

D. RECOMMENDATION

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

Recommendation made by:

Name Nicolaas Hanekom

Capacity Environmental Assessment Practitioner

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.

E. 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.

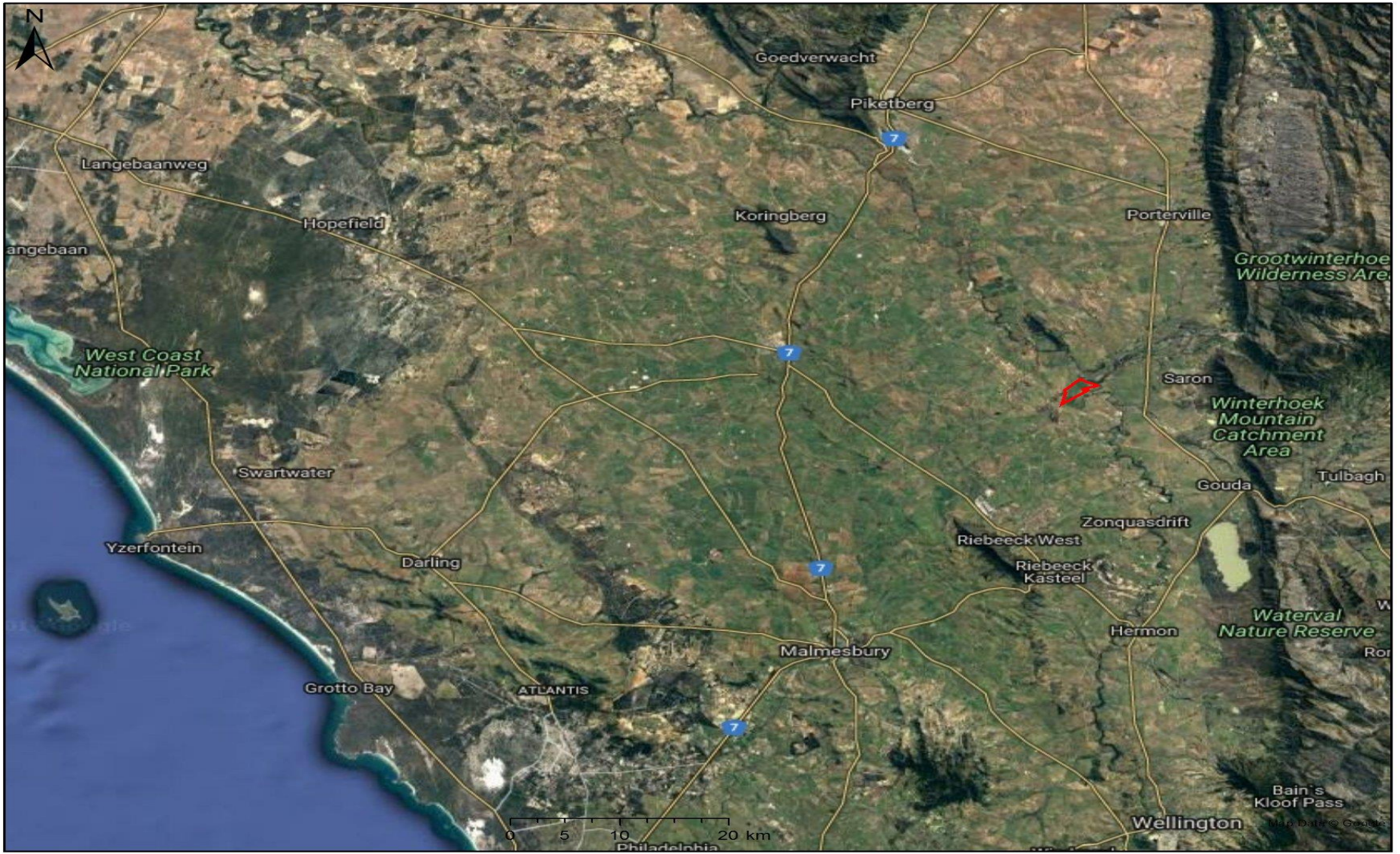
DETAILS OF HERITAGE PRACTITIONERS AND SPECIALISTS INTENDING TO CONDUCT THE HIA:

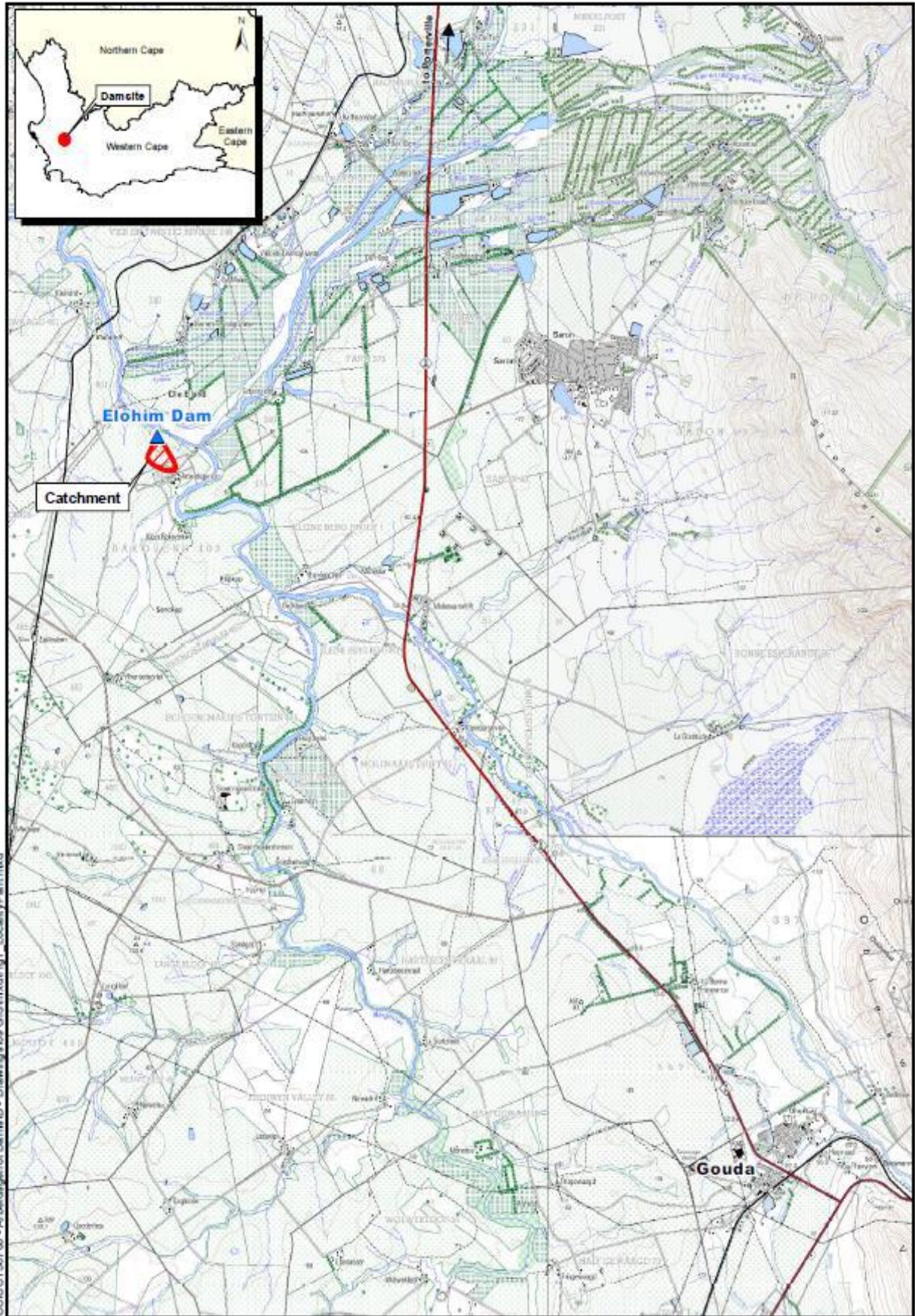
1.	Name of individual: Qualifications: Experience: Standing in heritage resource management: E-mail Address:	Name of Practice: Telephone:	Area of specialisation: Cell:
2.	Name of individual: Qualifications: Experience: Standing in heritage resource management: E-mail Address:	Name of Practice: Telephone:	Area of specialisation: Cell:
3.	Name of individual: Qualifications: Experience: Standing in heritage resource management: E-mail Address:	Name of Practice: Telephone:	Area of specialisation: Cell:
4.	Name of individual: Qualifications: Experience: Standing in heritage resource management: E-mail Address:	Name of Practice: Telephone:	Area of specialisation: Cell:
5.	Name of individual: Qualifications: Experience: Standing in heritage resource management: E-mail Address:	Name of Practice: Telephone:	Area of specialisation: Cell:
If this submission is made in terms of Section 38(8) of the National Heritage Resources Act indicate below the particulars of the principle environmental consultant on the project.			

Name of individual: Nicolaas Hanekom Name of Practice: Eco Impact Legal Consulting (Pty) Ltd
 Area of specialisation: Practicing Natrual Scientist, Environmental Assessment Practitioner,
 E-mail Address: nicolaas@ecoimpact.co.za Telephone: 021 671 1660/9976 Cell: 076 963 6450
 Postal Address: PO Box 45070, Claremont, 7735

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 may resolve 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.	

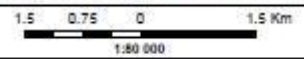




W:\06 Projects\CC136700 - Arbeidsgenot Dams\09 - Drawings\09 GIS\mxd\Fig1 - LocalityPlan.mxd

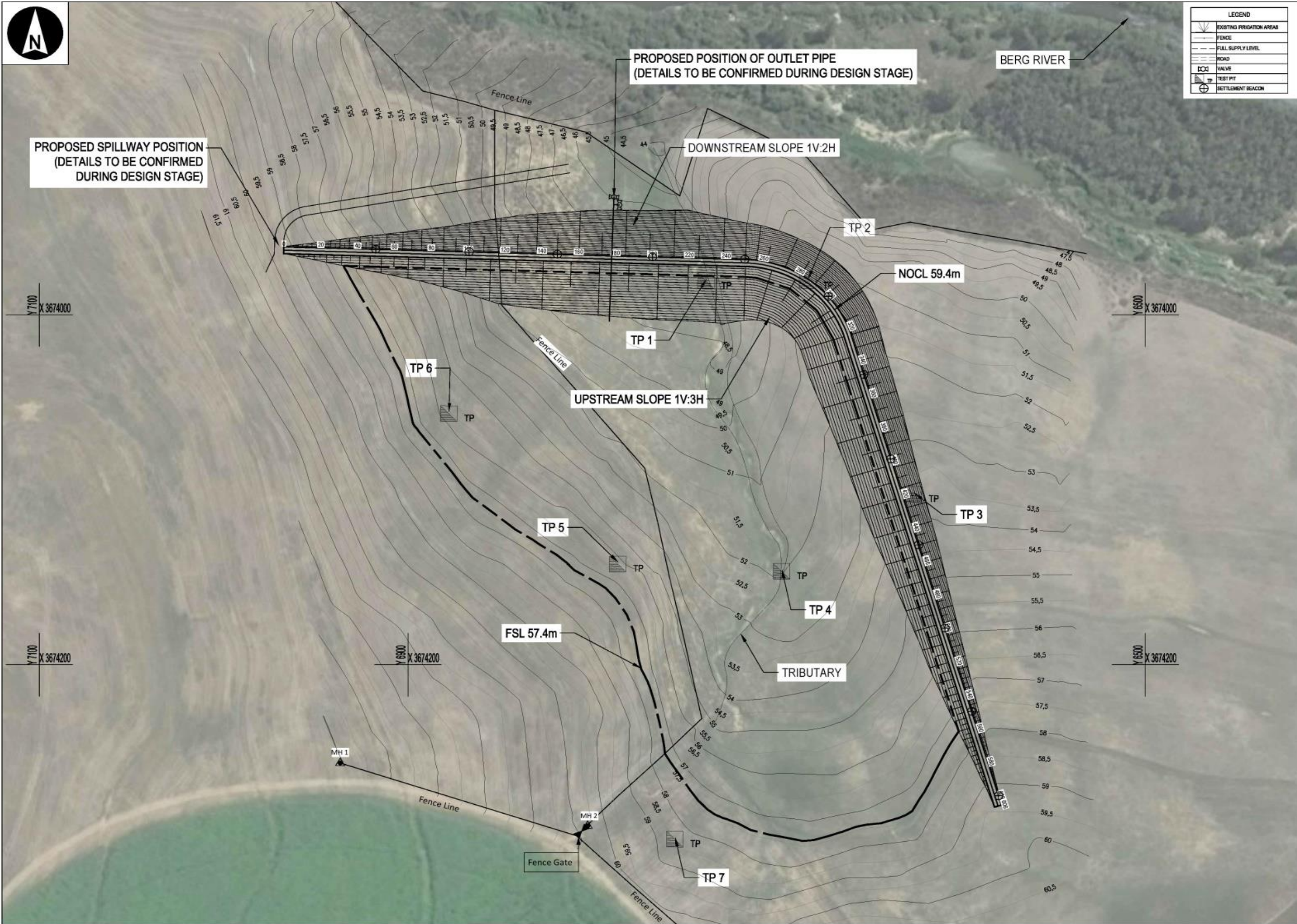


Arbeidsgenot Dams



Locality Plan showing catchment

CC136700 - L01



LEGEND	
[Symbol]	EXISTING PROVISION AREAS
[Symbol]	FENCE
[Symbol]	FULL SUPPLY LEVEL
[Symbol]	ROAD
[Symbol]	VALVE
[Symbol]	TEST PIT
[Symbol]	SETTLEMENT BEACON

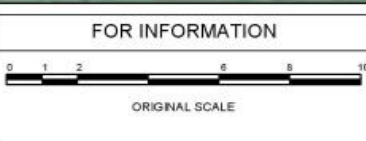
ELOHIM DAM: OPTION 6	
1. NOCL:	59.4 m
2. FSL:	57.4 m
3. FREEBOARD:	2 m
4. WATER SURFACE AREA AT FSL:	8.1 ha
5. GROSS CAPACITY:	322 000 m ³
6. CREST LENGTH:	806 m
7. CREST WIDTH:	4 m
8. MAX WALL HEIGHT:	13.4 m
9. UPSTREAM SLOPE:	1V:3H
10. DOWNSTREAM SLOPE:	1V:2H
11. MIN BASIN LEVEL:	48.50 m

- ADDITIONAL NOTES:**
- CORE TRENCH WIDTH:
 $W_c = [E_w - E_f] \times 0.25 + 3$
 W_t - TRENCH WIDTH
 E_f - BASE ELEVATION OF TRENCH (meat)
 E_w - FULL SUPPLY LEVEL OF MAXIMUM DAM SIZE = 57.4 m
 - SETTLEMENT ALLOWANCE OF 2% OF WALL HEIGHT. THIS MEANS FOR A HEIGHT OF 13.4m THE NOC MUST BE AT 59.7 m.
 - CONTOUR INTERVAL 1m
 - PROJECTION: L021 - WGS 84

THE MASTER HELD AT INGEROP OFFICE BEARS THE ORIGINAL SIGNATURE OF APPROVAL

No.	DATE	REVISION	BY
0	04/17	FOR INFORMATION	DJ HAGEN CONSULT. ENG.

NOTES



GENERAL NOTES
 NO DIMENSION OR LEVEL TO BE SCALED OFF THIS DRAWING
 ALL DIMENSIONS AND LEVELS TO BE CONFIRMED PRIOR TO CONSTRUCTION
 THE POSITION OF ALL EXISTING SERVICES ARE TO BE OBTAINED FROM THE MUNICIPAL AUTHORITIES AND IF UNKNOWN THE EXACT POSITION SHALL BE DETERMINED BY CAREFUL HAND EXCAVATION.

CLIENT:
ARBEIDSGENOT FARM MOORREESBURG
 7310



PROPOSED ELOHIM DAM

PLAN LAYOUT OF OPTION 6

SCALE: 1:1000 DRAWING SIZE: A1

DESIGNED BY H. BOTHA PROF. REG. NO.	DRAWING CHECKED BY DJ. HAGEN PROF. REG. NO.
DRAWN BY J. MBENGA	DATE APR 2017
PROJECT No. CC136700	REV No. 0
DRG No. CC136700-L02	



CBA & EBA Overlay

Legend

BSP ESA: Restore

- ESA2: Restore from plantation or high density IAP
- ESA2: Restore from other land use
- ESA2: Restore where appropriate (CT)

BSP ESA

- ESA: Aquatic
- ESA: Terrestrial

BSP CBA

- CBA: Terrestrial
- CBA: Terrestrial (CT)
- CBA: Forest
- CBA: River
- CBA: Estuary
- CBA: Wetland
- CBA: Aquatic (CT)

Scale: 1:36 112

Date created: July 20, 2017



**Western Cape
Government**

Agriculture

Map Data © Google
CapeNature, DEA



Water Features

Legend

Wetlands (NFEPA)

- Artificial
- Estuaries
- Natural

Rivers (Strahler Stream Order)

- 5
- 4
- 3
- 2
- 1

Scale: 1:18 056

Date created: July 20, 2017



**Western Cape
Government**

Agriculture

Map Data © Google



Photo 1: Dam catchment basin



Photo 2: Dam wall



Payment receipt

Beneficiary nameHERITAGE WESTERN CAP

Account number1452048924

BankNEDBANK

BranchCORPORATE CLIENT SERVICES CT (14520900)

Beneficiary reference17051911

Your referenceArbeidsgenot

Payment date20 July 2017

Amount

R 330.00

The Standard Bank of South Africa Limited (Reg. No. 1962/000738/06. Authorised financial services provider. VAT Reg No. 4100105461 Registered credit provider (NCRCP15). We subscribe to the Code of Banking Practice of the Banking Association South Africa and, for unresolved disputes, support resolution through the Ombudsman for Banking Services.

Nicole Loebenberg

From: Nicole Loebenberg <nicole@ecoimpact.co.za>
Sent: 20 July 2017 12:59 PM
To: cathyraymond@iafrica.com; heritage@iafrica.com
Cc: nicolaas@ecoimpact.co.za; 'Yolandie@ecoimpact.co.za'
Subject: ARBEIDSGENOT FARM DAM HWC NID COMMENTING PERIOD
Attachments: HWCNID_ArbeidsgenotDam.pdf; AppendixB_SDP.PDF; AppendixC_OverlayMaps.pdf; AppendixD_Photographs.pdf; AppendixA_LocalityMap.pdf

ARBEIDSGENOT FARM DAM HWC CASE NUMBER: 17051911

Good day Ms Raymond

Eco Impact has been appointed to facilitate the Environmental Impact Assessment and Heritage Western Cape Application on behalf of the applicant. The project entails the construction of a dam with a storage capacity of 324,000m³ and cover a surface area of 6.2ha on the farm Arbeidsgenot.

Heritage Western Cape (HWC) requires that the Heritage Notice of Intent to develop be sent to all heritage / heritage conservation bodies active in the region. According to the list provided to us by HWC Drakenstein Heritage Foundation is active in or borders the proposed development area and must be provided with a copy of the HWC Notice of Intent for comment, if any prior to the submission of the Nol to HWC.

Attached for your comment please find a copy of the Heritage Notice of Intent. Your comments would be appreciated within 30 days of receipt of this email or by 21 August 2017.

Should you require any clarity or further information please contact me at the details provided below.

Kind regards

Nicole Loebenberg
Environmental Compliance



Eco Impact Legal Consulting (Pty) Ltd

Reg: 2010/015546/07

P.O. Box 45070

Claremont

South Africa

7735

Office: +27 (0) 21 671 1660

Fax: +27 (0) 21 671 9976

Email: nicole@ecoimpact.co.za

Web: www.ecoimpact.co.za

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