



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:	DEADP Reference Number: NA DEA&DP is not the decision making authority for this EA application the Department of Mineral Resources is.
NOTE 1: An HWC case number must be obtained and application fee paid in advance of submission of this form.	
NOTE 2: 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:	
<input checked="" type="checkbox"/>	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 Mineral Resources Ref.WC30/5/1/1/2/10032PR - Prospecting Right Closure Certificate application on RE and Portion 2 of Melkboom 209, Portion 1 and 4 of Matjiesfontein 210, Portion of Matjiesdrift 329, Portion of Farm 323, Portion of Farm 372, Western Cape, Mossel Bay
<input type="checkbox"/>	This development will not require a NEMA application.
NOTE 3: 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: RE and Portion 2 of Melkboom 209, Portion 1 and 4 of Matjiesfontein 210, Portion of Matjiesdrift 329, Portion of Farm 323, Portion of Farm 372, Western Cape, Mossel Bay	
Street address or location (eg: off R44): 14 km W.N.W (direct distance) of Mossel Bay	
Erf or farm number/s: RE and Portion 2 of Melkboom 209, Portion 1 and 4 of Matjiesfontein 210, Portion of Matjiesdrift 329, Portion of Farm 323, Portion of Farm 372, Western Cape, Mossel Bay	Coordinates: 34 06' 12.43"S 21 57' 18.27"E (A logical centre point. Format based on WGS84.)
Town or District: Mossel Bay	Responsible Municipality: Mossel Bay Municipality
Extent of property: Prospecting Right Area on	Current use: Agricultural/Farming

all of the properties - 3098.185ha
Predominant land use/s of surrounding properties: Vacant indigenous vegetation areas, ploughed agricultural land and Gondwana Nature Reserve

REGISTERED OWNER OF PROPERTY:

Name Hanre Marx, Farm Matjiesdrift, PO Box 126, Mossel Bay 6506 GA Marx, Farm Dorie, PO Box 126, Mossel Bay 6506 J Marx, Farm Koppies, PO Box PO Box126, Mossel Bay 6506 G van Rensburg, Farm Geluk, PO Box 2229, Mossel Bay 6506 Mark Rutherford, Farm Gondwana, PO Box 1572, Mossel Bay 6506 Department of Land Affairs		
Address -		
Telephone -	Cell -	E-mail -
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.		
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.		

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

Date / / 20

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 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"/> (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: Environmental Authorisation in terms of National Environmental Management Act, 1998 (Act No. 107 of 1998)

If you have checked any of the three boxes above, describe how the proposed development will change the character of the site: Bentonite and Zeolite prospecting activities were conducted during 2014 until 2018. Prospecting closure certificate are now being applied for therefore a basic assessment process must be followed according to the NEMA requirements.

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 Mineral Resources

Present phase at which the process with that authority stands: Application for EIA Environmental Authorisation submitted.

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.): Bentonite and zeolite prospecting activities commenced during February 2014 and finished during September 2018, Prospecting activities consisted of the following:

- Non-invasive desktop studies and foot surveys to create geological maps to determine where trenching and sampling will be necessary.
- Invasive trenching with a back-actor under constant geological specialist supervision so as to minimise unnecessary trenching and expenditure.
- During trenching the topsoil is separated and piled first on one side of the trench and the subsoil is piled separately. This is to conserve the topsoil and subsoil for rehabilitation purposes after sampling. Each trench is a maximum length of 30m, 1.2m wide and 2m deep.
- A soil sample is then taken for testing and geological mapping and then the trench is firstly backfilled with the stored subsoil followed by the topsoil and then shaped according to surrounding topography to prevent any depressions from forming at the trenching site. Note all of the trenching, sampling and backfilling takes place on the same day.
- The trenching operations and sampling are followed-up by further desktop studies and if feasible drilling thereafter.

During 2018 Eco Impact was appointed as independent environmental consultant to conduct and compile the final environmental compliance audit report, environmental risk report and rehabilitation/closure plan in support of the application for a prospecting right closure certificate to the DMR.

From assessing the information as provided by the client and conducting the closure site visits it was concluded that there is currently no signs of any significant detrimental impacts on the agricultural lands within which the prospecting activities occurred and that no indigenous vegetation areas, water courses or their ecological functioning were significantly impacted upon. Nor was there any signs that any significant heritage resources were detrimentally impacted upon.

The assessment revealed that the prospected areas have been backfilled (with the material as excavated from site during prospecting activities) and shaped according to surrounding topography with no evidence of erosion or depressions at the sites. Due to natural revegetation not yet occurring at most of the recently rehabilitated sites additional follow-up inspection is recommended for July 2019 to determine the success of the rehabilitation measures as implemented thus far and whether or not additional measures will have to be implemented to stabilise the sites so as to return it to its previous agricultural pasture state.

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): Midden Mining received a prospecting right to prospect for bentonite and zeolite on the five adjacent properties as previously listed in the Part B: Property Details. The total prospecting right area of 3098.185ha lies within undulating farmland about 30km via tar and gravel roads to the west of Mossel Bay. The topography is comprised of low hills dissected by a number of streams which are tributaries of the Melkboom River. To the immediate east of the Application area is the Hartebeeskuil Dam. In the region between the Prospecting Right Application Area and Mossel Bay there are a number of brickworks and related clay pots as well as stone quarries. The Application area itself is used solely for farming purposes, these being grazing and limited crop production. To the northeast of the Application Area lies Gondwana Nature Reserve.

Significant environmental features present within the Application area is indigenous vegetation areas and mainly non-perennial drainage lines associated with the "klowe" and steep slopes. These areas have however not been impacted upon by the completed prospecting activities.

During the original prospecting right application process HWC was provided with the opportunity to comment on the proposed application and had no objection (CASE NR 120120JL10) if the work took place as described in the original application and did not take place within 100m of any building structure nor within 32m of a river (two trench samples were taken within 22-28m of a man-made farm dam but was still located within previously cultivated agricultural land and did not have any detrimental impacts on the dam).

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 checked="" type="checkbox"/>	<p>Landscapes and natural features of cultural significance</p> <p>Description of resource: Indigenous vegetation and drainage lines</p> <p>Description of impact on heritage resource: All potential direct and indirect impacts as associated with prospecting activities were mitigated to such a extent that it did not cause significant detrimental environmental impacts on any indigenous vegetation areas or drainage lines.</p>

<input type="checkbox"/>	Geological resources of scientific or cultural importance Description of resource: Description of impact on heritage resource:
<input type="checkbox"/>	Archaeological resources (Including archaeological sites and material, rock art, battlefields & wrecks): Description of resource: Description of impact on heritage resource:
<input type="checkbox"/>	Palaeontological resources (ie: fossils): Description of resource: Description of impact on heritage resource:
<input type="checkbox"/>	Graves and burial grounds (eg: ancestral graves, graves of victims of conflict, historical graves & cemeteries): Description of Resource: Description of Impact on Heritage Resource:
<input type="checkbox"/>	Other human remains: Description of resource: Description of impact on heritage resource:
<input type="checkbox"/>	Sites of significance relating to the history of slavery in South Africa: Description of resource: Description of impact on heritage resource:
<input type="checkbox"/>	Other heritage resources: Description of resource: Description of impact on heritage resource:

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

Description of impacts on heritage resources in the environs of the site:
Impacts on possible heritage resource as listed above.

Summary of anticipated impacts on heritage resources:
None

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 Johmandie Pienaar

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:	Name of Practice:	Area of specialisation:
	Qualifications:		
	Experience:		
	Standing in heritage resource management:		
	E-mail Address:	Telephone:	Cell:
2.	Name of individual:	Name of Practice:	Area of specialisation:
	Qualifications:		
	Experience:		
	Standing in heritage resource management:		
	E-mail Address:	Telephone:	Cell:
3.	Name of individual:	Name of Practice:	Area of specialisation:
	Qualifications:		
	Experience:		
	Standing in heritage resource management:		
	E-mail Address:	Telephone:	Cell:
4.	Name of individual:	Name of Practice:	Area of specialisation:
	Qualifications:		
	Experience:		
	Standing in heritage resource management:		
	E-mail Address:	Telephone:	Cell:

5.	Name of individual:	Name of Practice:	Area of specialisation:
	Qualifications:		
	Experience:		
	Standing in heritage resource management:		
	E-mail Address:	Telephone:	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: Johmandie Pienaar Name of Practice: Eco Impact Legal Consulting Area of specialisation: Environmental Assessment Practitioner and Biodiversity Specialist

E-mail Address: johmandie@ecoimpact.co.za & admin@ecoimpact.co.za Telephone: 021 671 1660 Fax: 088 021 671 1660 Cell: 072 240 3092

Postal Address: PO Box 45070 Claremont South Africa 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.