

**Ilifa leMveli leNtshona Koloni
Efenis 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: 16/3/1/1/F5/16/3063/14
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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:
- 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: Portion 2 of the farm Woodlands 874	
Street address or location (eg: off R44): The site is situated approximately 15km South of Malmesbury along the R302.	
Erf or farm number/s: 874/2	Coordinates: 33.601880S 18.752697E (A logical centre point. Format based on WGS84.)
Town or District: Malmesbury	Responsible Municipality: Swartland Local Municipality
Extent of property: 50 263.59 ha	Current use: Agriculture
Predominant land use/s of surrounding properties: Agriculture	

REGISTERED OWNER OF PROPERTY:

Name Vlakfontein Familie Trust
Address P.O. Box 56, Malmesbury, 7299

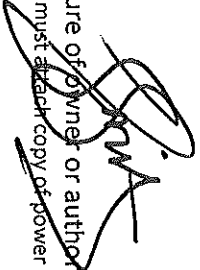
Telephone -

Cell 083 481 3618

E-mail vlakfontein@lantic.net

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 03 / 09 / 2015

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, pipeline, pipeline, canal or other similar form of linear development or barrier over 300m in length.	<input checked="" type="checkbox"/> S38(1)(c) Any development or activity that will change the character of a site - <table border="1"><tr><td><input checked="" type="checkbox"/> (i) exceeding 5 000m² in extent;</td></tr><tr><td><input type="checkbox"/> (ii) involving three or more existing erven or subdivisions thereof;</td></tr><tr><td><input type="checkbox"/> (iii) involving three or more erven or divisions thereof which have been consolidated within the past five years.</td></tr></table>	<input checked="" 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 checked="" 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.				
<p>Other triggers, eg: in terms of other legislation, (ie: National Environment Management Act, etc.) Please set out details:</p> <p>The proposed project triggers Government Notice R. 545 Listing 2 Activity No 15: Physical alteration of undeveloped, vacant or derelict land for residential, retail, commercial, recreationa, industrial or institutional use where the total area to be transformed is 20 hectare or more.</p> <p>The applicant intents to mine sand from a 92 ha area previously used for agricultural purposes (pastures). The sand will be removed through strip mining.</p> <p>The applicant received permission to apply</p>	<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 applicant, Afrimat Aggregates (Pty) Ltd intents to mine 92 ha of Portion 2 of the farm Woodlands 874 for the winning of sand. The mining procedure will entail strip mining of the proposed footprint area.</p> <p>The applicant will:</p> <ul style="list-style-type: none">• grade the topsoil off a strip of approximately 6 x 80 meter long. The topsoil will be stockpiled at the edge of the strip to be replaced during the rehabilitation of the area,• remove the sand from the stripped area to a depth of ±1.5 m with an excavator that will			

<p>for a Basic Assessment process instead of a Scoping and Environmental Impact Reporting process on the 13th of November 2014 as:</p> <ul style="list-style-type: none"> • The footprint of the proposed mining area has previously been disturbed by the agricultural activities of the farm transforming the vegetation of the area from natural occurring Fynbos to pasture. The mining of the sand from the proposed footprint area will therefore not necessitate the removal of fynbos. This is of high importance as the property falls within the critically endangered ecosystem listed as Atlantis Sand Fynbos (FFd4). • The proposed mining method will have a very low impact on the surrounding environment as it will simply entail the removal of the sand with an excavator loading it directly onto tipper trucks transporting it from site. The mining activity will not require blasting, crushing or washing of sand to be done. • Strip mining is proposed that will entail a strip of approximately 6 x 80 meters mined at a time. Once the sand has been removed from the strip the topsoil is replaced and another strip is opened. This method ensures concurrent rehabilitation being done that allows mined-out areas recovering throughout the operational phase of the project. It also has the advantage that only a small portion (<1 ha) of the mining area (92 ha) is open at any given time. <ul style="list-style-type: none"> • The mining site will require only four workers to be employed at the site that will daily be transported to site. • The mining area will not require the building of any permanent structures. A container will be used for office purposes with solar panel to generate power. A chemical toilet will be placed at site that will be serviced by a contractor. No weighbridge will be needed. 	<p>load it onto a truck,</p> <ul style="list-style-type: none"> • arrange the transport of the sand from the mining area to the clients using the existing farm road that joins the R304. • once the sand has been removed from a strip, rehabilitate the area through the replacement of the topsoil and open a subsequent section. This process will be repeated until the entire mining area has been covered. <p>The proposed activity will not require any blasting, crushing or washing of sand to be done. A temporary container will be placed in the mining area that will serve as an office. A solar panel fitted to the container will provide power and potable water will daily be transported to site in closed containers. The mining activities will not require any process water and the solid waste produced during the operational phase of the project will be transported from site to the Malmesbury landfill site. A chemical toilet will serve as ablution facility to the employees on site and will regularly be serviced by a recognized contractor. Approximately three workers will be employed at the site. Mining will only be done during daylight hours.</p> <p>Upon closure of the site, the area will revert back to agricultural use.</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 Affaris and Development Planning - Western Cape as well as the Department of Mineral Resources - Western Cape.</p> <p>Present phase at which the process with that authority stands: The EIA application form was submitted to DEA&DP-WC on the 2nd of December 2014. The mining right application still has to be submitted to DMR</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.):

As mentioned above the applicant, Afrimat Aggregates (Pty) Ltd intends to mine 92 ha of Portion 2 of the farm Woodlands 874 for the winning of sand. The mining procedure will entail strip mining of the proposed footprint area.

The applicant will:

- grade the topsoil off a strip of approximately 6 x 80 meter long. The topsoil will be stockpiled at the edge of the strip to be replaced during the rehabilitation of the area,
- remove the sand from the stripped area to a depth of ± 1.5 m with an excavator that will load it onto a truck,
- transport the sand from the mining area to the clients using the existing farm road that joins the R304.
- once the sand has been removed from a strip, rehabilitate the area through the replacement of the topsoil and open a subsequent section. This process will be repeated until the entire mining area has been covered.

The proposed activity will not require any blasting, crushing or washing of sand to be done. A temporary container will be placed in the mining area that will serve as an office. A solar panel fitted to the container will provide power and potable water will daily be transported to site in closed containers. The mining activities will not require any process water and the solid waste produced during the operational phase of the project will be transported from site to the Malmesbury landfill site. A chemical toilet will serve as ablation facility to the employees on site and will regularly be serviced by a recognized contractor. Approximately three workers will be employed at the site. Mining will only be done during daylight hours.

The mining activities will consist of the following:

- Stripping and stockpiling of topsoil,
- Removal and stockpiling of sand to be sold,
- Landscaping and replacement of topsoil over stripped area prior to the opening and mining of the next strip.

The mining site will contain the following:

- One container with solar power for office purposes,
- A chemical toilet,
- One excavator to load the sand.

Dust Generation:

- Due to the nature of the project the expected dust generation at the site is deemed to be low.
- Speed on the access road will be limited to 40 km/h to prevent the generation of excess dust.
- Roads will be sprayed with water or an environmentally friendly dust-allaying agent that contains no PCB's (e.g. DAS products) if dust is generated above acceptable limits.
- Areas devoid of vegetation that could act as a dust source will be minimised by the proposed strip mining process.

Noise:

- Due to the small configuration of the proposed activity the expected noise impact is deemed to be of low significance. Noise to be generated by the proposed mining activity will represent the noise levels originating from farm equipment.
- It will be ensured that employees and staff conduct themselves in an acceptable manner while on site.
- All mining related vehicles will be equipped with silencers and maintained in a road worthy condition in terms of the Road Transport Act.

Access Route:

- The existing access road of the farm will be used to gain access to the mining area.

Surface and Ground water:

- The proposed mining area will be further than 100m from any natural water source.
- Due to the immediate adjacent topography of the areas the amount of runoff expected to enter the mining area is limited. Due to the sandy geology of the area, rainwater that falls directly on the mining site, will effectively soak away eliminating the risk for soil erosion.

Visual Exposure:

- It is expected that the north-eastern side of the mining area will be visible from the R304. The visual impact will be mitigated by the continuous rehabilitation of the stripped areas.

Ablution, Waste Water & Waste Disposal:

- The proposed project will require four employees to be employed at the site.
- Ablution facilities will be provided in the form of a chemical toilet.
- Should any spillage occur, such as oil or diesel leaking from a burst pipe, the contaminated soil will be collected in a suitable receptacle and removed from the site, either for resale or for appropriate disposal at a recognised facility.
- General waste that may be generated in the office will be collected in a closed bin and disposed of at the Malmesbury landfill site.
- No waste will be buried or burned on site.

Final rehabilitation:

- Final rehabilitation shall entail landscaping, levelling, top dressing, land preparation, seeding (if required), and weed / alien clearing of the last strip as well as those areas in the remaining area that needs additional attention.
- All infrastructures, equipment, and other items used during the mining period will be removed from the site (section 44 of the MPRDA).
- General waste material of any description will be removed from the mining area and disposed of at Malmesbury landfill facility. It will not be permitted to be buried or burned on the site.
- Weed / Alien clearing will be done in a sporadic manner during the life of the mining activities. Species regarded as Category 1 weeds according to CARA (Conservation of Agricultural Recourses Act, 1983 – Act 43; Regulations 15 & 16 (as amended in March 2001) need to be eradicated from the site on an ongoing basis.
- Final rehabilitation shall be completed within a period specified by the Regional Manager.

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):

According to discussions with the landowner the property has been farmed for at least three generations. The particular area earmarked for the mining of the sand was transformed from fynbos to pastures and used for the grazing of stock.

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"/>	Places, buildings, structures and equipment of cultural significance Description of resource:
<input type="checkbox"/>	Places to which oral traditions are attached or which are associated with living heritage Description of resource:
<input type="checkbox"/>	Description of impact on heritage resource:
<input type="checkbox"/>	Historical settlements and townscapes Description of resource:
<input type="checkbox"/>	Description of impact on heritage resource:
<input type="checkbox"/>	Landscapes and natural features of cultural significance Description of resource:
<input type="checkbox"/>	Description of impact on heritage resource:
<input type="checkbox"/>	Geological resources of scientific or cultural importance Description of resource:
<input type="checkbox"/>	Description of impact on heritage resource:
<input type="checkbox"/>	Archaeological resources (including archaeological sites and material, rock art, battlefields & wrecks): Description of resource:
<input type="checkbox"/>	Description of impact on heritage resource:
<input type="checkbox"/>	Palaeontological resources (ie: fossils): Description of resource:
<input type="checkbox"/>	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:
<input type="checkbox"/>	Description of Impact on Heritage Resource:
<input type="checkbox"/>	Other human remains: Description of resource:
<input type="checkbox"/>	Description of impact on heritage resource:
<input type="checkbox"/>	Sites of significance relating to the history of slavery in South Africa: Description of resource:
<input type="checkbox"/>	Description of impact on heritage resource:
<input type="checkbox"/>	Other heritage resources: Description of resource:
<input type="checkbox"/>	Description of impact on heritage resource:

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

During a desktop study several archaeological impact assessments were found for the Malmesbury area as the town was identified as a core area for industrial, commercial and residential development. The studies indicated that the area is not an area of pre-colonial archaeological importance. According to one study (ACRM, 2008) this fact is attributed to the region being characterised by intensive agriculture activities for more than 100 years and that the archaeological landscape has

already been largely destroyed.

Description of impacts on heritage resources in the environs of the site: The mining of sand will be contained within the boundaries of the permitted mining area. No activity will be allowed outside the boundaries and the mining activity will therefore not have an impact on any surrounding areas/resources.

Summary of anticipated impacts on heritage resources: No anticipated impacts could be identified.

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 Christine Fouche

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:

Name of individual: Name of Practice: Area of specialisation:

Qualifications:

1. Experience:

Standing in heritage resource management:

E-mail Address: Telephone: Cell:

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

DETAILS OF STUDIES TO BE CONDUCTED IN THE INTENDED HIA

<p>In addition to the requirements set out in Section 38(3) of the NHR Act, indicate envisaged studies:</p>	
<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.	