



DEA&DP-WC Reference Number:
DMR Reference Number:

BACKGROUND INFORMATION DOCUMENT

Applicant:
Cape Lime (Pty) Ltd
PO Box 400
Vredendal
8160

23 July 2015

To whom it may concern

RE: NOTICE OF APPLICATIONS IN TERMS OF SECTION 27 OF THE MINERALS AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT NO 28 OF 2002) AND THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998 NEMA) AS WELL AS THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS OF 2014

Cape Lime (Pty) Ltd is in the process of applying for environmental authorization to mine 5ha of Portion 6 of the farm Groenvlei 598, Rawsonville, Western Cape Province.

SITE DESCRIPTION

Portion 6 of the farm Groenvlei 598, Rawsonville is situated approximately 8km north of Rawsonville along a secondary road. The area earmarked for the proposed mining falls within the Jan du Toits River. The GPS coordinates of the proposed mining are as follows:

A	33,616836°S;	19,321795°E
B	33,6194029°S;	19,3215189°E
C	33,6203665°S;	19,3216605°E
D	33,6225641°S;	19,3220448°E
E	33,6226317°S;	19,3212964°E
F	33,621566°S;	19,321087°E
G	33,619927°S;	19,3207705°E
H	33,6178984°S;	19,3208514°E
I	33,6164108°S;	19,3208919°E
A	33,616836°S;	19,321795°E

the goal isn't to live forever, it is to protect a planet that will

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LEGAL COMPLIANCE

An application for a mining permit in terms of Section 27 of the Mineral and Petroleum Resources Development Act, 2002 (Act No 28 of 2002) will be submitted to the Department of Mineral Resources.

The proposed project triggers the following listed activities in terms of the National Environmental Management Act, 1998 (Act 107 of 1998) and the Environmental Impact Assessment Regulations as amended 2014 and therefore requires a basic assessment process to obtain environmental authorisation:

- GNR 983 Environmental Impact Assessment Regulations Listing Notice 1 of 2014 Activity 19:

The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from-

(i) a watercourse;

(ii) the seashore; or

(iii) the littoral active zone, an estuary or a distance of 100 metres inland of the high-water mark of the sea or an estuary, whichever distance is the greater but

excluding where such infilling, depositing, dredging, excavation, removal or moving-

(a) will occur behind a development setback;

(b) is for maintenance purposes undertaken in accordance with a maintenance

management plan; or falls within the ambit of activity 21 in this Notice, in which case that activity applies.

- GNR 983 Environmental Impact Assessment Regulations Listing Notice 1 of 2014 Activity 21:

Any activity including the operation of that activity which requires a mining permit in terms of section 27 of the Mineral and Petroleum Resources Development Act, 2002 (act No. 28 of 2002), including associated infrastructure, structures and earthworks directly related to the extraction of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No 28 of 2002).

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- GNR 983 Environmental Impact Assessment Regulations Listing Notice 1 of 2014 Activity 22:
The decommissioning of any activity requiring a closure certificate in terms of section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act No 28 of 2002).
- GNR 983 Environmental Impact Assessment Regulations Listing Notice 1 of 2014 Activity 28:
Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture or afforestation on or before 01 April 1998 and where such development will occur outside an urban area, where the total land to be developed is bigger than 1 hectare.

List of other legislation triggered by the proposed project:

An application for Water Authorization in terms of the National Water Act, 1998 (Act 36 of 1998) will be submitted to the Department of Water and Sanitation.

PROJECT DESCRIPTION

The mining procedure will entail strip mining of the proposed footprint area. The applicant will:

- remove the pebbles/ rocks from the river to a depth of between 1-4m (depending on river dynamics during the various season) with an excavator that will load it onto trucks that will transport it to the clients. The mining activities will not require any blasting, crushing, screening or washing to be done.

The proposed mining method will have a very low impact on the surrounding environment as it will simply entail the removal of the pebbles/ rocks with an excavator loading it directly onto tipper trucks transporting it from site.

The mining site will require only five workers to be employed at the site and they will be transported to the site daily.

The mining area will not require the building of any permanent structures. A container will be used for office purposes with a generator to generate power. A chemical toilet will be placed at site that will be serviced by a contractor. No weighbridge will be needed.

A temporary container will be placed in the mining area that will serve as an office. A generator 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 nearest 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 five workers will be employed at the site. Mining will only be done during daylight hours.

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The mining activities will consist of the following:

- Removal and stockpiling of pebbles/ rocks from the river banks to be sold,
- Landscaping and replacement of topsoil (where applicable) over stripped area prior to the opening and mining of the next strip.

The mining site will contain the following:

- One container with generator for office purposes,
- A chemical toilet,
- Dump trucks, front end loaders and excavator to load the rocks.

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 40km/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.
- No areas will be opened in order to remove the rocks from the riverbed; therefore the only source of dust will be from trucks using the road to transport rocks to clients.

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 in the riverbed of the Jan Du Toits River.

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Visual Exposure:

- It is expected that the northern side of the mining area will be visible from the Olof Bergh cellar. The visual impact will be mitigated by the continuous rehabilitation of the stripped areas.

Ablution, Waste Water & Waste Disposal:

- The proposed project will require five 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 Rawsonville landfill site.
- No waste will be buried or burned on site.

Final rehabilitation:

- Final rehabilitation shall entail landscaping, levelling, top dressing, land preparation and weed / alien clearing of the mining area.
- 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 Rawsonville 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.

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PUBLIC INVOLVEMENT

This document is to inform you about the proposed activity and to determine whether there are any concerns or objections from interested and affected parties (I&AP's) that need to be considered.

As an interested and affected party you are kindly requested to complete the comments form and give any comment/concern or input with regard to the environment that you may have, on the proposed project. If we do not receive any comments from you within 30 days of receipt of this notice, it will be accepted that you do not have any objections/comments with regard to the project.

Please contact Sonette Smit at the contact details as presented in the letterhead or at sonette.s@greenmined.co.za through any means should you need more information, have concerns or comments that need to be considered or if you want to be registered as an interested and/or affected party and would like to receive a copy of the Draft Basic Assessment Report (DBAR) on or before **23 August 2015**.

The DBAR will be submitted to the Department of Environmental Affairs and Development Planning – Western Cape (DEA&DP) for review purposes. This report will also be made available to the public for a 30 days review period. An electronic copy of the report will be published on the Greenmined Environmental website (www.greenmined.com). All registered I&AP's and stakeholders will be notified of the commenting period in advance.

The DBAR will then be updated to reflect the comments received during the public commenting period. Upon which, the final basic assessment report (FBAR) will be submitted to the DEA&DP for its consideration as part of the authorization process in terms of the NEMA regulation. A copy of the final report will be made available on the Greenmined Environmental website (www.greenmined.com).

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CONTACT DETAILS:

Name/Naam	
Organisation/Instansie	
Postal Address/Pos Adres	
Tel	
Fax/Faks	
E-mail/E-pos	

COMMENTS/ OPMERKINGS:

No Objection:	
Request additional information:	
Concerns:	

Signature: _____

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Are there any other organisations or individuals that you feel should be invited to comment? If so, please provide their contact details:

Contact name:
Organisation (if applicable):
Address:
Tel:
Fax
E-mail

Contact name:
Organisation (if applicable):
Address:
Tel:
Fax
E-mail

Your feedback is valued and will be addressed appropriately.

Kind Regards



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Sonette Smit
Greenmined Environmental