



## mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

**From:** Directorate: Mineral Regulation: Free State Region

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**Sub Directorate:** Mine Environmental Management **Ref:** FS 30/5/1/2/3/2/1(12) EM

The Directors  
De Beers Consolidated Mines Limited  
Private Bag X1  
**SOUTHDALE**  
2135

Dear Sir/Madam

Please find an approved amended Environmental Management Programme for your operation. Kindly note that the Environmental Management Programme stipulates Environmental Management and copy of which should always be available on site.

**APPROVAL OF AN AMENDMENT TO THE APPROVED ENVIRONMENTAL MANAGEMENT PROGRAMME (EMPR) IN TERMS OF SECTION 39(6) FOR EXTENSION OF THE MINING AREA APPLIED FOR IN TERMS SECTION 102 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) FOR DE BEERS CONSOLIDATED MINES LIMITED (KNOWN AS VOORSPOED MINE); IN RESPECT OF THE FARMS VOORSPOED 401, VOORSPOED 2480, GELDENHYS 1477 AND MORGENSTER 772; ALL SITUATED IN THE MAGISTERIAL DISTRICT OF KROONSTAD: FREE STATE REGION.**

You are hereby informed that the amended Environmental Management Programme for the De Beers Consolidated Mines Limited has been approved under the following conditions:

### CONDITIONS

- a.) All mining activities must take place in accordance with the approved Environmental Management Programme.
- b.) Mining activities are not allowed within 1:50 year flood line or 100m from the edge of the river whatever is the greatest, without the necessary authorization from Department of Water Affairs.


- c.) The De Beers Consolidated Mines Limited is responsible for all surface disturbances on the mining area, which includes all historical mining and prospecting activities.
- d.) All mine waste (suitable for rehabilitation) must be taken back to the excavation area for backfilling purposes. Rehabilitation of the mining area must be done concurrently with mining activities (whenever and wherever possible).
- e.) Mine waste will not be allowed to be deposited in natural drainage lines or erosion gullies.
- f.) Dump structures must not be left on the surface, this includes topsoil stockpiles, overburden stockpiles, waste rock stockpiles, tailing dumps and slimes dams.
- g.) All excavations must be backfilled to the natural surface level; if a bulk factor exists it must be accommodated on the total area of disturbance.
- h.) A surveyed plan must be submitted every year to the Regional Manager that indicates:
  - The positions, footprints and volumes of all topsoil stockpiles, overburden dumps, waste rock dumps and slimes dams (Any structure that is above the natural surface).
  - The positions, surface areas and depths of all open pits.
  - The positions and surface areas of all rehabilitated areas (please indicate the status of rehabilitation-backfilled, profiled/landscaped, top soiled, vegetated or monitoring and managing).
- i.) The financial provision for rehabilitation purposes must be upgraded or revised on an annual basis according to the surveyed plan, which indicates the progress in rehabilitation (see section 41 of the MPRDA, 2002 (Act 28 of 2002) and regulation 55 of the Regulations to the said Act).
- j.) The monitoring and performance assessment of the Environmental Management Plan must be conducted on a continuous basis. A Performance Assessment Report must be compiled and submitted to this department; Mine Environmental Management section on an annual basis; i.e. every 12 months (see regulation 55 of the Regulations to the MPRDA, 2002 (Act 28 of 2002)).
- k.) Any project, expansions or additional infrastructure must be addressed through an amendment of the approved Environmental Management Programme and should be submitted to the Regional Manager: Mineral Regulation for approval, before they commence. This approval may be amended at any stage if deemed necessary.
- l.) Should any archaeological artefact be exposed during the mining activities in the vicinity of its finding it must be stopped. Under no circumstances shall any artefact be destroyed. Such object must be marked and fenced off, and South African Heritage Resource Agency must be contacted as soon as possible. The recommendation of the Heritage Impact Assessment conducted by Dr Julius CC Pistorius should be adhered to.
- m.) This approval does not purport to absolve your company from its common law obligations towards the surface rights holder or any other affected party.

n.) You are expected to familiarise yourself with the provisions of the following Acts as they are applicable and relevant to your approved EMPR and operation:

- The National Water Act 1998, (Act 36 of 1998), with particular reference to the sections pertaining to mining or mining in the proximity of dams and their catchments areas, rivers, marshes, streams, pans and other water courses.
- The Environmental Conservation Act (Act 73 of 1989). Your attention is specifically directed to the requirements of section 20 of the above-mentioned Act.
- The Atmospheric Pollution Prevention Act, 1965 (Act 45 of 1965), with particular reference to the sections pertaining to the liberation of dust, and other emissions, created by mining activities, into the atmosphere.
- The Conservation of Agriculture Resources Act, 1983 (Act 43 of 1983), with particular references to the sections pertaining to soil conservation.
- The National Heritage Resources Act (Act No 25 of 1999), with particular reference to the protection of all historical and pre-historical cultural remains.
- The Mine Health and Safety Act (Act 29 of 1996) as well as other applicable law regarding noise management and control.
- The National Environmental Management Act, 1998 (Act. 107 of 1998), with particular reference to section 2 of the Act.

o.) All persons concerned must be made fully conversant with the terms of this approval, copies of which must be readily available to them.

Yours faithfully

  
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**REGIONAL MANAGER: MINERAL REGULATION**  
**FREE STATE REGION**  
DATE: 22.07.2010...

**ACKNOWLEDGEMENT OF RECEIPT:**   
DATE: 22.07.2010.

**ALL CORRESPONDENCE SHOULD BE ADDRESSED TO THE REGIONAL MANAGER DEPARTMENT OF MINERAL RESOURCES : FREE STATE REGION**