



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

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Directorate Minerals Regulations: Limpopo Region

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Reference nr: LP30/5/13/3/2/11866 EM

N01-130-2010/1

N12/9/2

REGISTERED LETTER
The Director
South African National Roads Agency Limited
Private Bag X 17
Lynnwood Ridge
0040

For attention: Mogole Mphahlele

APPROVAL OF AN ENVIRONMENTAL MANAGEMENT PLAN FOR A MINING PERMIT IN TERMS OF SECTION 39 (4) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) IN ON REMAINDER OF THE FARM TURFSPRUIT 241KR, SITUATED IN THE MAGISTERIAL DISTRICT OF MOKOPANE: LIMPOPO REGION.

The above mentioned Environmental Management Plan, that has been signed by the Regional Manager Limpopo Province, is hereby approved in terms of Section 39 (4) of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002), and is applicable to the prospecting area as depicted, subject to the following conditions:

1. The approval does not purport to absolve **South African National Roads Agency Limited** from its common law obligations towards the holder of the surface rights.
2. This approval may be amended or withdrawn at any stage for non compliance and provides no relief from the provisions of any other relevant statutory or contractual obligations whatsoever;

3. The environmental management shall conform to the Environmental Management Plan as approved.
4. Mining activities shall conform to all relevant legislations, especially the National Water Act, 1998, as well as the Mine Health and Safety Act, 1996 and such other conditions as may be imposed by the Regional Manager, or any other officer of this office, duly authorized thereto;
5. Rehabilitation of the disturbed surface caused by prospecting activities shall comply with the provisions of this plan;
6. A performance assessment, monitoring, and evaluation report must be submitted annually to this office or as determined by the Regional Manager, or at any other time that an officer of this office, duly authorized thereto requests;
7. Any alteration or deviation from the plan shall be submitted to the Regional manager for his approval;
8. A copy of the environmental management plan must always be available on the site for inspection by duly authorized officers.
9. The attached comments from the sub directorate: Mine Health and Safety form part of this approval and should be adhered to.

Yours faithfully,


M.M.A.

REGIONAL MANAGER
LIMPOPO PROVINCE-POLOKWANE

DATE: 04/07/2012

LP30/5/1/3/7/1/1866 MHS
128/12

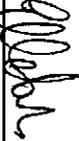
THE REGIONAL MANAGER
MINERAL REGULATION
LIMPOPO REGION

COMMENTS ON THE APPLICATION FOR THE APPROVAL OF AN ENVIRONMENTAL MANAGEMENT PLAN FOR MINING PERMIT (BORROW PIT) IN RESPECT ON THE REMAINDER OF THE FARM TURFSPRUIT 241 KR, SITUATED IN THE MAGISTERIAL DISTRICT OF MOKOPANE, LIMPOPO REGION

Herewith is a report with which I agree.

The applicant must be informed of the comments made in the attached report.

I have no objection on the approval of the environmental management programme.


N J PHAKATHI
PRINCIPAL INSPECTOR OF MINES
LIMPOPO REGION

THE PRINCIPAL INSPECTOR
LIMPOPO REGION

COMMENTS ON THE APPLICATION FOR THE APPROVAL OF AN ENVIRONMENTAL MANAGEMENT PLAN FOR MINING PERMIT (BORROW PIT) IN RESPECT ON THE REMAINDER OF THE FARM TURFSPRUIT 241 KR, SITUATED IN THE MAGISTERIAL DISTRICT OF MOKOPANE, LIMPOPO REGION

Herewith is a report with which I agree, forwarded for your further attention.

The applicant must be informed of the comments made in the attached report.

I have no objection on the approval of the environmental management programme.


E L LETSOKO
SENIOR INSPECTOR OF MINES
LIMPOPO REGION

LP30/5/13/7/11/1866 MHS
128/12

THE SENIOR INSPECTOR
LIMPOPO REGION

COMMENTS ON THE APPLICATION FOR THE APPROVAL OF AN ENVIRONMENTAL MANAGEMENT PLAN FOR MINING PERMIT (BORROW PIT) IN RESPECT ON THE REMAINDER OF THE FARM TURFSPRUIT 241 KR, SITUATED IN THE MAGISTERIAL DISTRICT OF MOKOPANE, LIMPOPO REGION

The application has been scrutinized. The following information has been supplied in the attached environmental management plan:

Type of mineral(s) to be mined	Gravel
Mining method	Excavation
Equipment to be used	Excavator, Front end Loader and Tipper Trucks
Communities/residential area in close proximity	Yes
Sketch plan attached	Yes with coordinates
Water source	Supplied from the community when necessary
Abution facility	Chemical Toilet Facilities located at the road construction camp
Mining period	Not specified
Instructions/ comments	<ol style="list-style-type: none"> 1. All undesired material must be used to backfill the excavation. 2. The excavation must be designed such that it will drain water away. Should any water accumulate in the excavation, provision must be made to ensure that no unauthorized persons have access to the water and means of protection must be provided to ensure the safety of persons. 3. The releasing of dust into the atmosphere must be limited as far as reasonably practicable. 4. The following requirement of mine health and safety act (Act 29 of 1996) must be strictly complied with: <ul style="list-style-type: none"> 4.1 <u>Mine Health and Safety Act (Act 29 of 1996)</u> Sect3 (1) (a) Manager must be appointed. Sect.11 Hazard identification Risk assessments must be conducted. Sect. 12 Occupational hygienist must be appointed. Sect. 13 Medical surveillance must be conducted. Sect. 6 Health and Safety equipment must be provided. Sect. 9 Codes of practice must be compiled. Sect. 10 Health safety training must be provided to employees. Sect. 25 Health and safety representatives must be appointed if more than 20 employees.

Reg. 17 (7) Application to conduct mining operations within 100m from any buildings, roads, railways or any structures that must be protected must be requested from PI, Limpopo Region.

Chapter 9 Regulations on mine environmental engineering and Occupational hygiene must be adhered to.

Chapter 14 Protection of the surface and the working must be adhered to.

4.2. Regulations in force in terms of schedule 4 of the mine health and safety act (act 29 of 1996)

Reg. 2.5.4. Permission for a manager to be responsible for two or more mines (if applicable) must be requested from PI, Limpopo Region.

Reg. 2.5.5. Permission for the owner to manage the mine (if applicable) must be requested from the PI Limpopo Region.

Reg. 2.13.1. Appointment for engineer or 2.13.2. Competent person to be in charge of machinery, mobile machines, and electricity.

Reg. 4.17.1. Hearing and conservation programs.

Reg. 5.8.1, 5.8.2, 7.7.1 Use of lifelines and heights

Reg. 5.8.3 Wearing of hardhats where there is a danger from falling objects.

Reg. 7.9.1 No undercutting of face will be permitted.

Reg. 7.9.2 Clearing of edge of open face working.

Reg. 24.1.1 First aid equipment must be provided

Chapter 14 Statistical returns must be submitted as per regulation.

Reg. 20.3.1 Fencing of dangerous places.

Reg. 20.5 Guarding of exposed machinery.

5. The requirements of this report must be conveyed to the applicant.

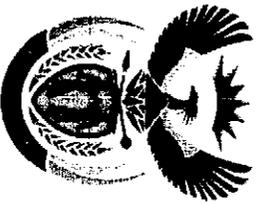
6. Chapter 23 of MHSA, Act 29 Of 1996: All accidents or fatal Accidents must immediately be reported to the Principal Inspector, Limpopo Region.

If mining will be conducted in a safe and orderly manner and instructions/comments made are adhered to, then I have no objection to the approval of EMP.



M A NGOBELI
INSPECTOR OF MINES
LIMPOPO REGION
DATE: 29/05/2012

1866 MP



mineral resources
Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

NAME OF APPLICANT: THE SOUTH AFRICAN NATIONAL ROADS AGENCY LTD
(SANRAL)

REFERENCE NUMBER: TURFSPRUIT 241 KR
BP 3A

**ENVIRONMENTAL MANAGEMENT
PLAN FOR SMALL-SCALE MINING**

**APPLICABLE TO MINING PERMITS WHERE
LESS THAN 2000 m³ PER QUARTER WILL BE
EXCAVATED USING MANUAL LABOUR
TECHNIQUES AND
NOT TO BE USED FOR GOLD OR COAL MINING**

SUBMITTED

**IN TERMS OF SECTION 39 AND OF REGULATION
52 OF THE MINERAL AND PETROLEUM
RESOURCES DEVELOPMENT ACT, 2002,
(ACT NO. 28 OF 2002) (the Act)**

A handwritten signature in black ink, appearing to be 'M. M. M. M. M.'.

29.03.12