

No. J-11015/44/96-IA.11(E)
Government of India
Ministry of Environment & Forests

LKP EXPN

Paryavaran Bhawan
CGO Complex, Lodi Road
New Delhi - 110003

Dated the 24th October, 1996

SUB : Lakhanpur Opencast project (Expansion) of M/s Mahanadi
Coalfield Ltd. in Sambalpur District of Orissa.

The undersigned is directed to refer to your letter no. 43011/45/91-CPA dated 24th December, 1993 and letter no. MCL; SAAB: ENV:MOEF.SUPL-EMP,96 dated 27th February, 1996 from M/s MCL regarding the application for Lakhanpur Opencast Project (Expansion) of M/s MCL in Sambalpur District of Orissa. The Ministry of Environment & Forests has carefully considered your application. It is observed that the lease area is 1572.0 ha. which includes 283.43 ha. forest land. No additional land is involved for expansion project. The project involves rehabilitation of 350 families.

2. The Ministry of Environment & Forests hereby accords environmental clearance as per Environmental Impact Assessment Notification of dated 27th January 1994 subject to the strict compliance of the terms and conditions mentioned below :

1. The environmental clearance would be applicable to 1572.00 ha. of the mining lease area.
2. No change in the working calendar plan including excavation land use, quantum of coal and wastes/OE dumps should be made.
3. The top soil and OE dumps should be stacked in earmarked dump sites.
4. The levels of SPM should not exceed ⁵⁰⁰ug/m³ at any station within the leasehold. Emission of SO₂, NO_x and CO should be maintained below the levels prescribed by the competent authority. The dust pollution in the coal mine needs to be further controlled by incorporating additional mitigative measures at the source itself.
5. The quality of effluent finally discharged should conform to the standards prescribed under GSR 422(E) dated 19.5.1995 and 31.12.1995.
6. Regular monitoring of air, water and noise should be made in and around the core-zone. Recorded data should be furnished to this Ministry (Regional Office) Bhubaneswar and the State Pollution Control Board half yearly. Noise levels should not exceed the limit of 85 dB. Ear plugs/ear muffs may be provided to the workers engaged in the noisy atmosphere.

7. The anti-pollution measures with regard to environmental quality prescribed in the EMP should be implemented on schedule in a time bound programme.
8. A green belt around the dust generation points and the lease area should be provided. The density of the trees should be at least 2500 saplings/ha. Mixed species of saplings adapted to the geoclimatic conditions should be selected for enhancing the biodiversity. Also the reclamation/afforestation programme in the lease hold area as mentioned in EMP and should be implemented phase-wise envisaged.
9. The company must adopt the rehabilitation plan for displacement of 350 families and progress in this regard must be intimated to the Ministry.
10. The old OB dumps should be physically reclaimed and taken up for simultaneous afforestation.
11. No final void should be left. This should be ensured by rehandling the last stage external OB dumps proposed in the mine plan.
12. The proponents must submit detailed diversion plan of the Phulijor and Lilari Nallahs within six months to the Ministry.
13. Water balance study of Ib valley coalfield area should be carried out and findings should be submitted to the Ministry within one year.
14. The Project Authority should carry out the study to assess the impact of Mahanadi Coalfield Mines on the siltation and pollution aspects of Hirakud Dam and report on this should be submitted within one year.
15. Environmental Management Cell has to be established to carry out functions relating to environmental management action plans. The Head of the Cell should directly report to the Chief Executive.
16. Adequate fund provision (capital and recurring expenditure) should be provided towards environmental control measures (as per EMP approved Rs.2967.92 lakhs has been earmarked based on present plans). Funds should not be diverted for any other purpose. Separate account for the funds would be kept for implementation of EMP measures.
17. The Ministry reserves the right to stipulate any other conditions, as may be required based on feedback etc. in the interest of environmental protection.

18. The project would be monitored by the Regional Office of this Ministry(Bhubneshwar). The Project Authorities should extend full cooperation to the officers of the Regional Office by furnishing the requisite data/information/monitoring report and all provide full access to the works/records etc.
19. Environmental Compliance Status vis-a-vis project implementation report specifically giving the progress of implementation of afforestation programme should be submitted for the scrutiny of this Ministry and Regional Office once in 6 months regularly for regular monitoring purposes.
20. The implementation of these conditions and safeguards will be enforced inter alia under the water (Prevention and Control of Pollution) Act, 1991 and the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991.

Failure to comply with any of the conditions mentioned above would result in withdrawal of this environmental clearance.

(DR. P. AHUJARA)
JCIPI DIRECTOR

To

The Secretary
(Attn : Shri N.N.Gautam, Director(Tech.)
Ministry of Coal
Shastri Bhawan
New Delhi

Copy to :

1. ✓ The General Manager (Attn: Shri A.N.Sinha),
Mahanadi Coalfield Ltd. Anand Vihar, P.O.U.C.E.,
Burla, District Sambalpur - 768018 (Orissa).
2. Chief Conservator of Forests (C), Regional Office (EZ) -
194, Karvela Nagar, Bhubaneswar - 751 001.
3. Secretary, Department of Environment & Forests,
Govt. of Orissa, Bhubaneswar.
4. Chairman, Orissa Pollution Control Board, A-118,
Nilakantha Nagar, Unit VIII, Bhubaneswar - 751012
5. Monitoring File
6. Guard File.

P. Ahujara

(DR. P. AHUJARAI)
JOINT DIRECTOR