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भारत सरकार

पर्यावरण एवं वन मंत्रालय

GOVERNMENT OF INDIA

MINISTRY OF ENVIRONMENT & FORESTS

पर्यावरण भवन, पी. जी. ओ. कॉम्प्लेक्स

PARYAVARAN BHAWAN C.G.O. COMPLEX

लोदी रोड, नई दिल्ली-110003

LODI ROAD NEW DELHI-110003

Dated 30th January, 1995.

No. J-11015/31/93-IA.II(M).

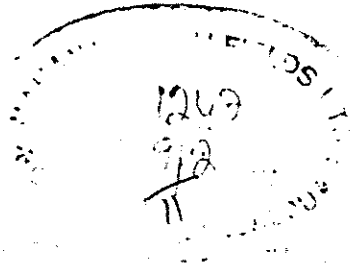
OFFICE MEMORANDUM

Sub: Basundhara (East) Opencast Project of Mahanadi Coalfields Limited - Environmental Clearance regarding.

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This has reference to Ministry of Coal O.M. No. 43011/37/89-CPA dated 19th October, 1993 regarding the above project. The EIA/EMP reports alongwith the supplementary notes have been examined by the Ministry and now it has been decided to grant environmental clearance to the above proposal subject to effective implementation of following environmental safeguards :-

1. No change in the calendar plan including excavation plan and O.B. dumps should be made.
2. The top soil and O.B. dumps should be stacked in ear-marked dumps sites, and necessary measures both technical and biological should be implemented as envisaged in the EMP.
3. All the slopes of external dumps should be maintained at maximum of 28° to the horizontal.
4. The levels of SPM should not exceed 500 UG/m<sup>3</sup> at any observations point within the mine leasehold. Also, the emission of SO<sub>2</sub>, NO<sub>x</sub> and CO and noise level should be maintained below the level prescribed by the regulatory agencies.
5. The quality of effluents finally discharged into the main water course shall conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 & 31st December, 1993. Adequate treatment facilities and anti-pollution measures should be installed to prevent pollution of seasonal streams.



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6. The water quality data indicates that faecal contamination is occurring in the study area. Additional water quality data has to be generated and remedial measures incorporated in the EMP. A note on this should be submitted within six months.
7. A supplementary note on the water balance and hydrogeology of the area in view of the seasonal streams viz Basundhara Nallah and Chaturdhara Nallah flowing in the vicinity of project area should be given within six months.
8. Regular monitoring of air and water quality should be made in the project area. Six monthly data should be submitted to this Ministry.
9. The rehabilitation of the project affected people should be as per the rehabilitation package proposed in the EMP and should be as per norms laid down by Government of India.
10. The company should undertake additional socio-economic measures in the project affected areas particularly educational and health care facilities so that the project oustee as well as local populations are adequately benefitted. A self-contained note on this should be submitted within three months.
11. A periodic progress report regarding implementation of the control measures shall be submitted to this Ministry every six months.
12. A separate Environmental Management Cell with suitably qualified persons should be established to carry out environmental management functions.
13. Adequate fund provision (both capital and recurring expenditure) should be provided for implementation of the above stipulations. The fund provided should not be diverted for other purposes. As per the EMP a provision of Rs. 200.03 lakhs has been made towards capital cost of EMP.
14. The Ministry reserves the right to modify any other condition based on the progress on implementation and feed back. The Ministry may also revoke the clearance if the implementation of the stipulated conditions is not satisfactory.

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The above conditions will be enforced inter-alia under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981 and the Environment (Protection) Act, 1986.

(Dr. N.H. Hosabettu)  
Addl. Director (S)

The Secretary,  
Ministry of Coal, (Atten: Shri R.K. Sachdev, Adviser).  
Government of India,  
Shastri Bhavan,  
New Delhi-110001.

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