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Serial A  
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No. J-16011/21/92-IA.III



भारत सरकार  
पर्यावरण एवं वन मंत्रालय  
GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT & FORESTS  
पर्यावरण भवन, सी० जी० आं० कॉम्प्लेक्स  
PARYAVARAN BHAWAN, C.G.O. COMPLEX  
लोदी रोड, नई दिल्ली-110003  
LODI ROAD, NEW DELHI-110003

29th October, 1993.

OFFICE MEMORANDUM

Subject:- Development of port facilities for handling of crude and POL products at Mangalore Port.

Reference is invited to New Mangalore Port Trust's letter No.3/11/EMP/92-IS dated 31.10.1992 and Ministry of Surface Transport's letter No. PD-11011/2/92-NMPT dated 7th May, 1993 seeking environmental clearance for the above mentioned proposal.

2. The proposal has been examined and environmental clearance is hereby accorded subject to the following conditions:-

- CCFAN  
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- (i) Dredging operations should be undertaken in consultation with Expert Institute such as Central Water and Power Research Station (CWPRS) Pune or any other Institute to ensure that dredging operations do not cause any adverse impact on surface and ground water and marine productivity in the vicinity.
  - (ii) During dredging, construction and maintenance stages, the water quality parameters at the bottom level should be inspected and periodic records be maintained. Tests should be carried out to measure water quality parameters viz. turbidity, dissolved oxygen, ammonical nitrogen and other nutrients which must be maintained within the prescribed standards.
  - (iii) Screening of pollutants in the harbour waters should be taken up by the project authorities and periodical monitoring reports on water quality parameters must be forwarded to this Ministry at six monthly intervals.

- (iv) In addition to the Disaster Management Plan prepared, the project authorities should consider worst case disaster scenario with respect to specific cases like oil/chemical spills, fire/explosion, terrorist attack, flood etc. spelling out definite adequate measures to be taken to prevent and contain such disasters. A report on this must be forwarded to this Ministry within six months from the date of issue of environmental clearance.
- (v) To prevent discharge of sewage, bilge wastes and other liquid wastes into the marine environment, adequate system for collection, treatment and disposal of liquid wastes including shoreline interceptor for receiving liquid wastes from all shoreline installations and special hose connection for ships to allow for discharge of sewage must be provided.
- (vi) Green belt development programme as proposed must be carried out. In addition, suitable species of trees must also be planted along the existing roads in the port area, open vacant spaces and along the shoreline.
- (vii) Adequate noise control measures such as providing muffl to muffle the sound from engines motors etc., rubber paddings while installing machines, headphones/earplugs to workers working in the noisy environment to contain the noise within prescribed standards must be adopted.
- (viii) The quality of treated effluents, solid wastes, emissions and noise levels etc., must conform to the standards laid down by the competent authorities including Central/State Pollution Control Board and under the Environment (Protection) Act, 1986, whichever are more stringent.

3. In the New Mangalore Port Trust, sufficient in-house capability (environment cell) should be created to monitor and implement the programme related to pollution control and environmental conservation.

4. Adequate financial provision must be made for implementation of the above stipulations.

5. In case of any deviation/alternations in the project proposal from those submitted to this Ministry for clearance, these stipulations may be modified and or new ones imposed for ensuring environmental protection.

6. These stipulations will be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974. The Air (Prevention & Control of Pollution) Act, 1981, and the Environment (Protection) Act, 1986.

Sd/-

(I.K. Kamboj)  
Joint Director (Scientific)

To

The Secretary,  
Ministry of Surface Transport,  
Parivahan Bhavan, Parliament Street,  
NEW DELHI - 110001.

Copy to:-

- ① Chairman, New Mangalore Port Trust, Panambur, Mangalore-575 010.
- 2. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Shahdra, Delhi-32.
- ✓ 3. Chief Conservator of Forests, Regional Office (Southern Zone), Ministry of Environment & Forests, No.463, 1st Main, IIIrd Stage, IIIrd Block, Basaveshwaranagar, Bangalore-560 079.
- 4. Chairman, State Pollution Control Board (Karnataka), No. 25, 6th, 7th & 8th Floor, Public Utility Building, M.G. Road, Bangalore-560 001.
- 5. Secretary, Deptt. of Environment, Govt. of Karnataka, Sectt., Vidhan Soudha, Bangalore-560 001.
- 6. DIG (SU), Incharge, Regional Office Cell, Ministry of Env. and Forests, Paryavaran Bhavan, New Delhi.
- 7. Guard file.

*I.K. Kamboj*

(I.K. Kamboj)  
Joint Director (Scientific)