

No. 11-59/2005-IA.III
Government of India
Ministry of Environment & Forests

**Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi - 110 003.**

Dated: 23rd March, 2010.

To
M/s. Chennai Water Desalination Ltd.,
No.30A, South Phase, 6th Cross Road,
Thiru. Vi. Ka. Industrial Estate,
Guindy, Chennai - 600 032.

Subject: Amendment to the CRZ Clearance issued for setting up of 100 MLD seawater desalination plant on DBOOT basis for CMWSSB in Kattupalli Village, Ponneri Taluk, Tiruvallur District, Tamil Nadu by M/s. Chennai Water Desalination Ltd. - Reg.

This has reference to your letter No: CWDL/MoEF-CRZ/2009-10, dated 30.11.2009 and subsequent letter dated 20.01.2010 seeking amendment to the CRZ Clearance which was issued vide letter No. 11-59/2005-IA.III, dated 26.10.2006 for the above project under the CRZ Notification, 1991. The amendment to the Clearance issued earlier has been appraised as per prescribed procedure in the light of provisions under the CRZ Notification, 1991 on the basis of the documents enclosed with the application by the Expert Appraisal Committee constituted by the competent authority in its meetings held on 21st - 23rd December, 2009 and 27th - 29th January, 2010.

2. It is inter-alia, noted that the CRZ Clearance for the project was granted on 26.10.2006 for 100 MLD desalination plant and allied activities. Due to the area experiencing heavy sand movement and to adopt single diameter of pipeline for typical procedure of fabrication, the project proponent has proposed the intake system with 1 x 746 m. long, 1600 mm dia HDPE pipeline which is proposed to be laid on the seabed. The transport to the project site to the sea water intake sump near pump house is through partially buried pipeline. The discharge of Brine of 137 MLD (5700 m³/hr) with 70 PSU through 1 x 1600 mm dia HDPE submarine pipeline on the seabed will be laid. During filtration of sea water process, CO₂ and hydrated lime are added in the post treatment instead of dolomite and cartridge filters unit instead of ultra filtration as proposed earlier.

3. The Expert Appraisal Committee, after due consideration of the relevant documents submitted and additional clarifications furnished in response to its observations, have recommended for the amendment in the CRZ Clearance for the intake and outfall pipelines laying on the seabed and for the surf zone portion of the pipelines stretch buried below



the seabed. Accordingly, the Ministry hereby amend the condition of the Clearance issued earlier on 26.10.2006 for the above project as per the provisions of CRZ Notification, 1991 and its subsequent amendments, subject to strict compliance of the additional terms and conditions as follows:


- (i) All other conditions shall remain same as stipulated earlier in the Clearance letter dated 26.10.2006 and shall be effectively implemented.
- (ii) Flow meter shall be installed at the outlet to monitor the recharge and report may be submitted to Tamil Nadu Pollution Control Board.
- (iii) The entire stretch of the pipelines on the shore shall be buried and off shore shall be partially buried.
- (iv) All the information submitted vide letters dated 30.11.2009 and 20.01.2010 shall be strictly complied with.

4. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

5. The proponent shall upload the status of compliance of the stipulated conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.


6. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF at Bangalore the respective Zonal Office of CPCB and the SPCB.

7. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.


(Bharat Bhushan)
Director (IA-III)
23.03.2010

Copy to:

1. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110 032.
2. The Chairman, Tamil Nadu Coastal Zone Management Authority and Principal Secretary, Govt. of Tamil Nadu, Environment and Forests (EC.3) Department, Secretariat, Chennai - 9.
3. The Chairman, Tamil Nadu State Pollution Control Board, Chennai.
4. The Secretary, Environment & Forests Department, Govt. of Tamil Nadu, Saint Geroge Port, Chennai.
5. The Director, Environment Department, Govt. of Tamil Nadu, Chennai.
6. The CCF, Regional Office, Ministry of Environment & Forests(SZ), Kendriya Sadan, IVth floor, E&F wings, 17th Main Road, Koramangala II Block, Bangalore - 560 034.
7. Guard File.
8. Monitoring File.


(Bharat Bhushan)
Director (IA-III)