

No.J-11015/25/2006.IA.II (M)
Government of India
Ministry of Environment & Forests

Paryavaran Bhawan,
C.G.O. Complex, Lodi Road,
New Delhi - 110 003

Dated the 26th May, 2006

To,
M/s My Home Cements Industries Limited,
4th Floor, My Home Jupally,
Ameerpet Road, Greenlands,
Hyderabad-500 016

Subject: Choutapalli My Home Limestone Mining Project of M/s My Home Cements Industries Limited located in Village Choutapalli, Tehsil Mattampalli, District Nalgonda, Andhra Pradesh- environmental clearance reg.

Sir,

This has reference to your letter No. MHIL/Unit-III/Mines/2005-06 dated 23.12.2005 and subsequent letter dated 28.02.2006 on the subject mentioned above. The Ministry of Environment and Forests has examined the application. It has been noted that the proposal is for opening of a new mine. The total mine lease area of the project is 46.08 ha which is a wasteland. No forestland is involved. Area proposed for mining is 36.88 ha, an area of 0.5 ha kept for infrastructure, 3.5 ha for green belt and 5.2 ha area is others (area under shale). No ecologically sensitive area, such as national park/sanctuary/biosphere reserve etc. is located in the core and buffer zone of the mine. There is no population in the core zone, therefore, no displacement of population and R&R is involved. The annual targeted production capacity of the mine is one million tonnes of limestone. Approximately 3350 TPD of mineral will be transported by conveyors. Working is opencast by mechanised method involving drilling and blasting. The topography of mining lease area is flat, elevation above mean sea level is 100 m. The ultimate working depth will be 20 m bgl. The groundwater table is at 15 m bgl in core and buffer zone (pre-monsoon) and 10 m bgl in core and buffer zone (post-monsoon). Working will intersect groundwater table. Average water requirement is 45 m³/day, out of which 43 m³/day will be met from mine water and 2 m³/day from groundwater. It has been envisaged that no solid waste will be generated. There will be no external OB dump. The entire mine pit will be converted into water reservoir. Consent to Establishment granted by the Andhra Pradesh Pollution Control Board on 06.12.2005 for production capacity of 10 lakh TPA. Indian Bureau of Mines (IBM) has approved modified mining plan including progressive mine closure plan on 22.12.2005 for lease area of 46.08 ha. Public hearing of the project held on 14.09.2005. Capital cost of the project is 10.00 crores.

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2. The Ministry of Environment and Forests hereby accords environmental clearance to the above mentioned Choutapalli My Home Limestone Mining Project of M/s My Home Cements Industries Limited for production capacity of one million tonnes per annum of limestone by opencast mechanised method involving total lease area of 46.08 ha under the provisions of the EIA Notification 1994 and its subsequent amendments issued under Environment (Protection) Act, 1986 subject to implementation of the following conditions/safeguards.

A. Specific conditions

(i) All the conditions stipulated by SPCB in their NOC shall be effectively implemented.

(ii) Topsoil, if any shall be stacked properly with proper slope with adequate measures and should be used for reclamation and rehabilitation of mined out areas.

(iii) There shall be no external overburden dump in the project area.

(iv) Catch drains and siltation ponds of appropriate size should be constructed for the working pit to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly desilted, particularly after monsoon, and maintained properly.

Garland drain (size, gradient and length) shall be constructed for mine pit and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains and desilted at regular intervals.

(v) Plantation shall be raised in an area of 8.7 ha including a green belt around ML area, roads etc. by planting the native species in consultation with the local DFO / Agriculture Department. The density of the trees should be around 2000 plants per ha.

(vi) Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and constructing new piezometers at suitable locations by the project proponent in and around project area in consultation with Regional Director, CGWB, Southern Region, Hyderabad. The interval of monitoring should be four times a year, pre-monsoon (April / May), monsoon (August), post-monsoon (November), and winter (January). Data thus collected should be sent at

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regular interval to MoEF, CGWA and CGWB, Southern Region, Hyderabad.

- (vii) Suitable conservation measures to augment groundwater resources in the area shall be planned and implemented in consultation with Regional Director, CGWB, Southern Region, Hyderabad. Suitable measures should be taken for rainwater harvesting.
- (viii) Permission from the competent authority should be obtained for drawal of ground water, if any, required for this project.
- (ix) The project authorities should undertake sample survey to generate data on pre-project community health status within a radius of 1 km from proposed mine.
- (x) Blasting operation should be carried out only during the daytime. Controlled blasting should be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
- (xi) Drills should be wet operated or operated with dust extractors.
- (xii) The project proponent should take all precautionary measures during mining operation for conservation and protection of endangered fauna such as Pangolin etc. spotted in the study area, in consultation with the concerned forest officials. Action plan for conservation of endangered fauna should be prepared and submitted to the Ministry and its Regional Office within 3 months.
- (xiii) The higher benches of the excavated void to be converted in to water reservoir shall be terraced and afforested to stabilize the slopes. Peripheral fencing shall be done along the excavated area.
- (xiv) Consent to operate should be obtained from SPCB before enhancing the production from the mine.
- (xv) Sewage treatment plant should be installed for the colony. ETP should also be provided for workshop and mineral separation plant wastewater.
- (xvi) A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure, for approval.

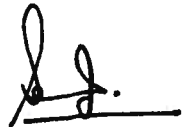
B. General conditions

- (i) No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests.

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- (ii) No change in the calendar plan including excavation, quantum of mineral limestone and waste if any should be made.
- (iii) Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RPM, SPM, SO₂, NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
- (iv) Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Ministry including its Regional office located at Bangalore and the State Pollution Control Board / Central Pollution Control Board once in six months.
- (v) Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- (vi) Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc should be provided with ear plugs / muffs.
- (vii) Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.
- (viii) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure coal dust and take corrective measures, if needed.
- (ix) A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- (x) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Bangalore.

- (xi) The Regional Office of this Ministry located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / Information / monitoring reports.
- (xii) A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom and suggestion / representation has been received while processing the proposal.
- (xiii) State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/ Tehsildar's Office for 30 days.
- (xiv) The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at web site of the Ministry of Environment and Forests at <http://envfor.nic.in> and a copy of the same should be forwarded to the Regional Office of this Ministry located Bangalore.
3. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
4. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
5. The above conditions will be enforced *inter-alia*, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.



(SATISH C. GARKOTI)
Additional Director (S)

Copy to:

- Secretary, Ministry of Mines, Government of India, Shastri Bhawan, New Delhi.

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2. Secretary, Department of Environment, Government of Andhra Pradesh, Secretariat, Hyderabad.
3. Secretary, Department of Mines and Geology, Government of Andhra Pradesh, Secretariat, Hyderabad.
4. Chief Conservator of Forests, Regional Officer(SZ), Ministry of Environment and Forests, Kendriya Sadan, 4th Floor, E&F Wing, 7th Main Road, 2nd Block, Koramangla, Bangalore-560034.
5. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office complex, East Arjun Nagar, New Delhi-1100032.
6. Chairman, Andhra Pradesh Pollution Control Board, 2nd Floor, Mythillivanam, HUDA Complex, Amerpet, S.R.Nagar, Hyderabad-50038.
7. Member Secretary, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
8. Controller General, Indian Bureau of Mines, Indira Bhavan, Civil Lines, Nagpur-440 001.
9. District Collector, Nalgonda District, Government of Andhra Pradesh.
10. EI Division, Ministry of Environment and Forests.
11. Monitoring File.
12. Guard File.
13. Record File.