



ANDHRA PRADESH POLLUTION CONTROL BOARD
ZONAL OFFICE: VIJAYAWADA

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Order No: Kr-498/PCB/ZO-VJA/CFO/W&A/2016-~~3863~~
2571

Dt.21-03-2017
24

AUTO RENEWAL OF CONSENT ORDER

In response to your application dated: 21-02-2017 for Auto Renewal of Consent Order , the Board is hereby extending validity period of Consent Order under 25/26 of Water (Prevention and Control of Pollution) Act, 1974 and 21/22 of Air (Prevention and Control of Pollution) Act, 1981 issued vide order dated 03-07-2015 valid upto 30-06-2017 for a further period of 4 years i.e., upto 30-06-2021.

1. The industry shall comply with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
2. The condition wise compliance report of the CFO Order Dt: 03-07-2015 shall be submitted to the Regional Office, Vijayawada and Zonal Office, Vijayawada regularly on a half yearly basis by 1st June and 1st December of each calendar year, failing which this Auto renewal consent order will be **cancelled**.

For A.P. Pollution Control Board

Dated:21.03.2017



Madhusudhana Rao
JOINT CHIEF ENVIRONMENTAL ENGINEER

To

M/s. Hemadri Cements Ltd.,
(Formerly Sri Venkateswara Lime Stone Mines)
Sy.No:221
Vedadri (V),
Jaggaiahpet (M),
Krishna District.



State Level Environment Impact Assessment Authority (SEIAA)

Andhra Pradesh

Government of India

Ministry of Environment & Forests

A-3, Industrial Estate, Sanathnagar, Hyderabad- 500 018.

REGD.POST WITH ACK.DUE

Order No. SEIAA/AP/KRI-06/2008- 2357

Dt:27-01-2010.

Sub: SEIAA, AP - M/s. Hemadri Cements Ltd., (formerly M/s. Sri Venkateswara Lime Stone Mine), Sy.No. 221, Vedadri (V), Jaggayyapet (M), Krishna District - Environmental Clearance – Issued - Reg.

- I. This has reference to your application vide Ir. No. VMC/MINES/08, dt. 01.10.2008 and subsequent Ir. dt. 09.10.2009 & 03.11.2009 in this regard, seeking Environmental Clearance for the proposed **Lime Stone Mine** in the name of **M/s. Hemadri Cements Ltd., (formerly M/s. Sri Venkateswara Lime Stone Mine), Sy.No. 221, Vedadri (V), Jaggayyapet (M), Krishna District.** The proposal has been examined and processed in accordance with EIA Notification, 2006. It is observed that there are no Archaeologically & Historically important sites within the study area of 10 km around the proposed site. It is reported that nearest human habitation viz., Vedadri (V) exists at a distance of 0.9 km & Krishna river flows at a distance of 1.2 km from the mine lease area. The capital investment of the project is Rs. 6.0 Lakhs. It is noted during the presentation that the maximum production capacity of the project for which Environmental clearance has been considered is as follows:

Mining of Limestone – 1,50,000 TPA.

- II. It is a mechanized open cast mine. After breaking the mineral into required size by drilling and blasting, it is directly loaded into the trucks. No beneficiation of the ore / mineral is proposed. The life of the above mine is estimated as 57 years. The total mine lease area is 38.44 Ha.
- III. The State Level Expert Appraisal Committee (SEAC) examined the application in its meetings held on 22.11.2008, 30.12.2008 & 04.11.2009. The Sub-committee constituted by SEAC inspected the mine site on 07.12.2008 and submitted a report. Public Hearing was conducted on 22.08.2009 near Hemadri Cements Ltd., Vedadri (V), Jaggayyapet (M), Krishna Dist. The SEAC considered the project proposal, minutes of the public hearing, report of the Sub-Committee and recommended for issue of Environmental Clearance. The State Level Environment Impact Assessment Authority (SEIAA), in its meeting held on 24.11.2009 examined the proposal and the recommendations of SEAC. It was decided to issue prior Environmental Clearance to the project. **The SEIAA, A.P hereby accords prior Environmental Clearance to the project as mentioned at Para no. I under the provisions of the EIA Notification 2006 and its subsequent amendments issued under Environment (Protection) Act, 1986 subject to implementation of the following conditions/safeguards:**

A. Specific Conditions:

a) Air Pollution:-

- i. Wet drilling method is to be adopted to control dust emissions. Delay detonators and shock tube initiation system for blasting shall be used so as to reduce vibration and dust.
- ii. The crushed and screened ore shall directly be transported to the consumers. No beneficiation shall be done at the mining site.
- iii. Plantation of width 5.0m shall be raised along the boundary of mining lease area, on either side of roads, etc. with the native species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2000 plants per ha.

- iv. The following measures are to be implemented to reduce air pollution during transportation of mineral:-
- Roads shall be graded to mitigate the dust emission.
 - Crusher platform will be covered with GI sheets to arrest any dust emission.
 - Over filling of tippers and consequent spillage on the roads shall be avoided. The trucks shall be covered with tarpaulin.
 - Water shall be sprinkled at regular interval on the main haul road and other service roads by water sprinklers to suppress dust.
- v. The following measures are to be implemented to reduce Noise pollution:-
- Proper and regular maintenance of vehicles and other equipment
 - Limiting time exposure of workers to excessive noise.
 - The workers employed shall be provided with protection equipment and earmuffs etc.
 - Speed of trucks entering or leaving the mine is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.
- vi. 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.
- vii. Measures should be taken for control of noise levels below 75 dB (A) in the work environment. Workers engaged in operations of HEMM, etc should be provided with ear plugs/muffs.

b) Water Pollution:-

- i. The source of water is River Krishna. Total water requirement is 16 KLD. Out of that 5.0 KLD is to be utilized for afforestation; 10.0 KLD of water is used for Dust suppression and 1.0 KLD for domestic purpose. Wastewater generated from the domestic section is to be disposed into septic tank followed by soak pit.
- ii. Garland drain 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.
- iii. Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells by the project proponent in and around project area in consultation with Regional Director, CGWB, Southern Region, Hyderabad. Data thus collected should be sent at regular interval to MoEF, CGWA and CGWB, Southern Region, Hyderabad.
- iv. 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.
- v. Permission from the competent authority should be obtained for drawl of ground water required for this project.

c) Solid Waste :-

- i. Topsoil, if any, shall be stacked properly with proper slope with adequate measures and should be used for plantation purpose.
- ii. The following measures are to be adopted to control erosion of dumps:-
- Retention/toe walls shall be provided at the foot of the dumps.
 - Worked out slopes are to be stabilized by planting appropriate shrub/grass species on the slopes.

- iii. The mineral waste generated during the mining process shall be stored in the mine lease area and shall be used for reclamation of the mine pit.

B. General Conditions:

- i. **This order is valid for a period upto 13.12.2016.** It was reported that the life of the mine is estimated as 57 years and the lease period of un-expired portion of the mine is transferred from M/s. Sri Venkateswara Mining Company to M/s. Hemadri Cements Ltd., upto 13.12.2016 vide G.O.Ms.No. 231 dt. 29.10.2009 of Industries and Commerce (M.II) Department, Govt. of A.P.
- ii. "Consent for Establishment" shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act before the start of any mining work at site.
- iii. No change in mining technology and scope of working should be made without prior approval of the SEIAA, A.P.
- iv. The proponent shall submit half-yearly compliance reports in respect of the terms and conditions stipulated in this order in hard and soft copies to the SEIAA on 1st June and 1st December of each calendar year.
- v. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RPM, SPM, SO₂, Nox 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.
- vi. Data on ambient air quality (RPM, SPM, SO₂, Nox) 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.
- vii. 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.
- viii. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to 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 MOE&F located at Bangalore 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 shall be marked to concerned Panchayat /local NGO, if any, from whom 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 Center and Collector's Office /Tehsildar's Office for 30 days.

- 2/10/21
- 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 SEIAA, A.P.
 - xv. The SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
 - xvi. Concealing the factual data or 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.
 - xvii. The proponent shall obtain all other mandatory clearances from respective departments.
 - xviii. All the suggestions/commitments made during the public hearing in environmental protection angle shall explicitly be complied with.
 - xix. 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.

Sd/-
MEMBER SECRETARY
SEIAA, A.P.

Sd/-
MEMBER
SEIAA, A.P.

Sd/-
CHAIRMAN,
SEIAA, A.P.

To

M/s. Hemadri Cements Ltd.,
(formerly M/s. Sri Venkateswara Lime Stone Mine),
Model House, 6-3-456/A/1,
5th Floor, R.No. 201 to 208,
Panjagutta. Hyderabad.

//T.C.F.B.O//


JOINT CHIEF ENVIRONMENTAL ENGINEER (CFE)

28/1/10