

Government of Maharashtra

EC (AVINASH) – 2009/148/CR.159/TC-1
Environment department
Room No. 217, 2nd floor,
Mantralaya Annexe,
Mumbai- 400 032.
Dated: 16th June, 2012

To,
Mr. A. N. Warwatkar
M/s. Majra Limestone Mine,
Village – Majra, Taluka- Wani, Dist. - Yavatmal.

Sub: Limestone Mine (area 11.72 hectare) in village Majra, Tahsil, Wani, District Yeotmal by M/s. Majra Limestone Mine - Environmental clearance regarding.

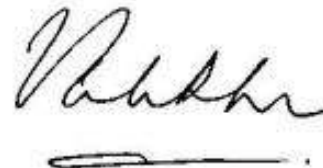
Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee, Maharashtra in its 12th, 44th & 53rd meetings and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 41st meeting held on 23rd / 24th September, 2011

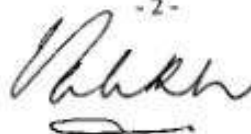
2. It is noted that the proposal is for grant of Environmental Clearance for Limestone Mine (area 11.72 hectare) in village Majra, Tahsil, Wani, District Yeotmal by M/s. Majra Limestone Mine. The project considered by SEAC under EIA Notification 2006, screening category is I (a).

Project information from submitted & considered documents is summarized as below-

Name of the Project	:	M/s Majra Limestone Mine (11.72 HaR)
Project Proponent	:	Mr. A. N. Warwatkar
Location of the project	:	Khasra No .160, Village – Majra, Tahsil – Wani, Dist.- Yavatmal, Maharashtra
Type of Project	:	Mining Project
Mining lease Area	:	11.72 HaR (Non Forest-Govt. Revenue Land)
Geological Location of Lease Area	:	20°07'04" to 20°07'18" N 78°55'43" to 78°55'52" E
Mineral	:	Limestone
Net Available Reserves	:	19,10,000 Tonnes (Limestone Mining capacity @ 1,24,000 TPA)
Depth	:	10 m
Method	:	Opencast - fully mechanized with deployment of mining machineries/equipments/vehicles like jack hammer drills, DTH drills, excavators, JCB, tippers etc.
Estimated Cost of Project	:	Rs. 50 Lacs.



Water Environment	<ul style="list-style-type: none"> • Total water requirement for domestic purposes - 5.0 KLD, industrial purposes (dust suppression , wet drilling, sprinkling etc) - 4.0 KLD & green belt purposes - 6.0 KLD • Domestic effluent - 4.0 KLD treatment proposed in septic tanks followed by soak pits . Industrial effluent due to mining operation - nil. • Dugwell/borewell water and harvested rain water in non working mine pits will be utilized for domestic & mining .
Rain Water harvesting	<ul style="list-style-type: none"> • Rain water will be collected in non operational pits by construction of channels. • Four recharge pits each of size 4 x 3 m will be constructed for ground water recharge. • Rain water collected in mine pits will be used for green belt development, dust suppression, wet drilling etc. • The water table in the mine lease area is below 30m and it will not be intercepted during mining.
Solid waste Management	<ul style="list-style-type: none"> • The proposed mining will generate top soil and mining rejects (10 % of ROM) which will be disposed off as external dumps. • Total generation of top soil will be @ 8600 m³ and same will be used for plantation purposes during the course of mining. • Maximum generation of reject material will be @ 13800 MT/Annum and same will be used for development of barrier wall (7.5 m x 12.0 m) covered by plantation on mine boundary till Mine Closure. • The proposed mining lease area is a barren land and there will be no felling of trees and no loss of native species or genetic diversity. • The area excavated during the proposed mining will be developed as natural water reservoir
Air Pollution control measures	<ul style="list-style-type: none"> • Wet drilling will be done all the time to avoid dust generation during drilling. • Control blasting techniques by using advanced non-electric detonator will be used for mining. • Waste dumps will be systematically developed by terracing stabilizing and plantation method to mitigate dust rising. • Regular water spraying & green belt development on waste dumps and haulage roads will be carried out • Thick green belt of 10 m width around mining lease area will be developed. • Air quality survey will be conducted every quarter to ensure the level of pollutants to be within permissible limits.
Green belt development	<ul style="list-style-type: none"> • At mine closure, about 2.4 Ha unexcavated/reclaimed area and about 0.8 Ha stabilized dumps will be converted to green belt.



		<ul style="list-style-type: none"> • Soil erosion will be prevented by providing garland drain and check dam. • Every year about 500 saplings of varieties as Palas, Saptaparni, Neem, Mango, Jamun, Sisam, Karanj, Gulmohar etc will be planted
Environment Management Plan	:	<ul style="list-style-type: none"> • Capital Investment: Rs. 10 Lacs for garland drains, water sprinkling system, sapling procurement & tree guards, septic tank & soak pits etc. • Recurring Expenditure @ Rs. 5.0 lacs/annum on water sprinkling, green belt development and socio-economic activities as medical check-up camps, health awareness camps, afforestation programmes, social awareness & welfare programmes.

3. The proposal has been considered by SEIAA in its 41st meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :
- (i) As per SEAC recommendation project proponent should ensure that -
 - Based on the area to be excavated, a "tree density plan" may be chalked out with the help of an expert and implemented using overburden. An exclusive nursery shall be developed for the same.
 - No forest land should be used for transport.
 - Independent study shall be carried out on ecology and bio-diversity conservation utilizing primary data to be collected, project proponent agreed that, no forest land will be used for transportation.
 - (ii) Mining activity should not intersect ground water table. Water requirement may be fulfilled by using other sources (tankers, etc.) instead of groundwater, particularly for drinking water. If other source is not feasible then permission from state ground water authority should be sought and care should be taken that contamination in any form must be avoided.
 - (iii) This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with request to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.
 - (iv) Proponent should follow prevailing mines act and rules as well as other directions given by Director General of mines safety measures
 - (v) No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.
 - (vi) No additional land in excess of said above shall be used /acquired for any activity of the project without obtaining proper permission.
 - (vii) Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project
 - (viii) The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
 - (ix) Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.



- (x) For controlling fugitive natural dust regular sprinkling of water in vulnerable areas of the plant shall be ensured.
- (xi) Dust fall measurement shall be periodically carried out including particle size analysis in work zone area. Results shall be submitted to the Regional Office of the Ministry and State Govt.
- (xii) Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training & information on safety and health aspects.
- (xiii) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
- (xiv) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xv) First aid room shall be provided in the project. Regular medical checkup for workers and records maintenance shall be carried out.
- (xvi) The company shall make the arrangement for protection of possible fine hazards during manufacturing process in material handling.
- (xvii) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003. Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
- (xviii) The solid waste shall be properly collected, segregated and disposed as per the provision of solid waste (Management and Handling) Rules, 2000.
- (xix) Regular monitoring of the air quality, including SPM & SO₂ levels both in work zone and ambient air shall be carried out in and around the project area and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.
- (xx) Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- (xxi) The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
- (xxii) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.
- (xxiii) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- (xxiv) Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
- (xxv) The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. On all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- (xxvi) Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- (xxvii) Prior permission from the competent authority shall be obtained for extraction of ground water, if any.



- (xxviii) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
- (xxix) The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://envis.maharashtra.gov.in>.
- (xxx) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
- (xxxi) Six monthly monitoring reports should be submitted to the Department and MPCB.
- (xxxii) The project proponents during their inspection should give officials from the MPCB who would be monitoring the implementation of environmental safeguards full cooperation, facilities and documents/ data. A complete set of all the documents submitted to Department should be forwarded to the MPCB
- (xxxiii) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by SEAC & SEIAA.
4. The Environment department reserves the right to add more stringent conditions and revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
5. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 5 years.
6. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
7. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
8. Any appeal against this environmental clearance shall lie with the National Green Tribunal , Van Vigyan Bhawan, Sec- 5, R.K. Puram, New Dehli – 110 022, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.



(Valsa R Nair Singh)
Secretary, Environment
department & MS, SEIAA

Copy to:

1. Shri. P.M.A Hakeem, IAS (Retd.), Chairman, SEIAA, 'Jugnu' Kottaram Road, Calicut- 673 006 Kerla.

2. Shri. Dr. S. Devotta, Chairman, SEAC, T2/302 Sky City, Vanagaram –Ambattur Road, Chennai – 600 095
3. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
4. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
5. Regional Office, MPCB, Amaravati.
6. Collector, Yavtmal
7. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
8. Director(TC-1), Dy. Secretary(TC-2),Scientist-1,Environment department
9. Select file (TC-3)