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THIRU A.V. VENKATACHALAM, I.F.S
MEMBER SECRETARY

STATE LEVEL
ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY
- TAMIL NADU

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ENVIRONMENTAL CLEARANCE

Lr.No.SEIAA-TN /F.No-480/2012 /EC -3957/1(a) /TRY /2017/dated :11.10.2017.

To,

The Executive Director,
M/s. Dalmia Bharat Cement Limited (DBCL),
Dalmiapuram,
Trichy-621651.

Sir,

Sub: SEIAA, TN – Environmental Clearance for the Expansion of Lime Stone & Marl Quarrying (Lease-II in G.O No. 1158) with production enhancement of 0.05 MTPA to 0.75 MTPA in extent of 13.295 Ha in Kallakudi & Kovandakurichi Villages (2.065Ha in Pit No.2 in S.F.No.113/2 of Kallakudi and 11.230 Ha in Pit No. 4 in S.F.No. 81/1A of Kovandakurichi), Lalgudi Taluk, Tiruchirappalli District-by M/s.Dalmia Cement (Bharat) Limited - Issued - Regarding.

1. This has reference to your application for Environmental Clearance to SEIAA-TN dated 11.07.2012 and along with subsequent documents & EIA report submitted for the aforesaid project to the State Level Environment Impact Assessment Authority, Tamil Nadu seeking Environmental Clearance under the Environment Impact Assessment Notification, 2006.


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2. It is noted, interalia that the project proposal is for production enhancement of 0.05 MTPA to 0.75 MTPA (Limestone & Marl), in applied mine lease area of 13.295 Ha in Kallakudi & Kovandakurichi Villages (2.065Ha in Pit No.2 in S.F.No.113/2 of Kallakudi and 11.230 Ha in Pit No. 4 in S.F.No. 81/1A of Kovandakurichi), Lalgudi Taluk, Tiruchirappalli District, so as to meet the captive need of the Cement Plants at Dalmiapuram and Ariyalur in Tamil Nadu. The co-ordinates of the mining lease area is furnished as Pit No. 2- Latitude (N) 10°58' 52.72"- 10°59' 01.65". Longitude (E) 78°56' 47.05"- 78°56' 53.60" and Pit No.4- Latitude (N) 10°57' 21.96"- 10°57' 31.87". Longitude (E) 78°55' 34.05"- 78°55' 52.40" as per Topo sheet No. 58 J/13. The entire Mine Lease area is reported to be wasteland and there is no forest land is involved. There is no R&R. There is no water course crossing the Lease area. It is reported that there is no litigation pending against this proposal.
3. The lime stone mining is a proposed expansion (<50 ha) over an area of 13.295 Ha . Mining operations is non conventional Opencast Mining.
4. The proposal was Awarded TOR in Reference SEAC/F.No.480/2012/M-XLI/TOR-141/2013 dated 09.07.2013. TOR was extended vide Letter No. SEIAA/TN/F.480/TOR-EXT/2012-141 dated 29.07.2016. Public Hearing was conducted on 04.07.2017. The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee, Tamilnadu in its 95th meeting held on 05.10.2017, 06.10.2017 & 07.10.2017 and recommended to SEIAA-TN to consider issue of EC.
5. The proposal was placed in the 242nd SEIAA-TN meeting held on 11.10.2017 and SEIAA after careful consideration decided to issue Environmental Clearance in its meeting and vide item No 242- it was decided by SEIAA to issue prior EC based on the Information submitted by you which are extracted below.



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State Level Environmental Impact Assessment Authority, TN

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File No:480//2012		Date of Receipt:11.07.2012
S.N o	Description	Details
1.	Name of the Project	Dalmia Cement (Bharat) Limited, (Lease-II in GO No. 1158) of Kallakudi&Kovandakurichi Village, LalgudiTaluk, Tiruchirappalli District. Limestone& Marl Mines (Captive Use)
2.	Location Co-ordinates-	Total Extent 13.295 Ha. viz. 2.065 Ha in Pit No.2 in S.F.No.113/2 of Kallakudi Village and extent of 11.230 Ha in Pit No. 4 in S.F.No. 81/1A of Kovandakurichi Village, Lalgudi Taluk, Tiruchirappalli District of Tamil Nadu State. Pit No.2: Latitude (N) 10 ⁰ 58' 52.72"- 10 ⁰ 59' 01.65" Longitude(E) 78 ⁰ 56' 47.05"- 78 ⁰ 56' 53.60" Topo Sheet No: 58J/13 Pit No.4: Latitude (N) 10 ⁰ 57' 21.96"- 10 ⁰ 57' 31.87" Longitude(E) 78 ⁰ 55' 34.05"- 78 ⁰ 55' 52.40" Topo Sheet No: 58J/13
3.	Type of Project	Mining of Major Minerals Schedule 1 (a): < 50 ha - of Mining lease area in respect of non-coal mine lease.
4.	Brief description of the project	Non Conventional Opencast Mining is being carried out in an eco friendly manner deploying mega Rock Breakers which eliminates drilling and Blasting.
5.	Life of Mine	4.6 Years in Kovandakurichi Pit No. 4 & 7.2 Years in Kallakudi Pit No. 2.
6.	Height X Width X Depth	Pit No.2: 237*87*21.5m Pit No.4: 475*188*37.5m
7.	Ground Water Table	The Ultimate Pit Limit will be 32.0 m BGL (48.0m RL) in KLK Pit No.2


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		and 89.0 m BGL [(-) 10.0m RL] in KVK Pit No.4. The water table is at 45 m BGL(mean) during Post-monsoon Period and 55m BGL during Pre-monsoon period.			
8.	Mineable reserve	<p>Balance as on 01.04.2017 :</p> <p>Pit No.2: 1,18,255 Tonnes of Limestone & Marl</p> <p>Pit No.4: 33,01,155 Tonnes of Limestone & Marl</p> <p>Total : 34,86,706 of Limestone & Marl</p>			
9.	Total Area	13.29.5Ha			
		Description	Existing Land Use, Ha	At the End of Mod.MP Period, Ha	At Conceptual Stage,Ha
		Mine Pit area	10.988	10.988	10.988 Backfilled: Nil Reservoir: 10.988
		Storage Top Soil	0	0	0
		Waste/Reject Dump	0	0	0
		Infrastructures: Buildings, etc	0	0	0
		Roads	0.125	0.125	0.125
		Green Belt Area	0.900	1.800	1.800
		Others to Specify: Safety Zone	1.282	0.382	0.382
		Total	13.295	13.295	13.295
10.	Cost of Project	Rs.0.50 Crores			
11.	Man Power	Direct Employment to 20 Persons & indirect Employment to about 50			



		Persons				
12.	Documents Enclosed	<p>1. Form I with Final EIA Report as per TOR Ltr.SEIAA/TN/F.No.480/2012/M-XLI/TOR-141/2013 dt. 09.07.2013 and Extended TOR Ltr. vide SEIAA/TN/F.No.480/2012/M-XLI/TOR-141/2013/EXTN dated 29.07.2016.</p> <p>2. Minutes of Public Hearing conducted on 04.07.2017.</p> <p>3. Copy of Mining lease deed.</p> <p>4. Modified Mining plan along with Progressive mine closure plan approved by IBM.No:TN/TCR/MP/LST-1953-MDS dated:08.07.2015.</p>				
13.	Production Capacity(after expansion)	0.75MTPA of Limestone & Marl				
14.	a) Water requirement KLD b) Source	Purpose	Kallaku di Cu.m/day	Kovand akurichi Cu.m/day	Total Cu. m/day	Remarks
		Drinking Water	2.0	2.5	4.5	R.O water
		Cumulative for all 4 Pits				
		Dust Suppression	12.0	15.0	27.0	mine pit seepage water
		Green Belt	368.0	587.0	955.0	mine pit seepage water
		Others (Workshop)	0.2	0.3	0.5	mine pit seepage water
		Total	380.2	602.3	982.5	
15.	Quantity of sewage KLD	4.0 cu.m/day				
16.	Details of STP	Septic Tank followed by dispersion trench				
17.	Mode of Disposal of treated sewage with	Septic Tank followed by dispersion trench				



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	quantity	
18.	Quantity of Solid Waste generated per day (in Kgs)	No Top Soil and no Over burden
19.	Mode of Disposal of excavated earth/ construction debris (cum)	--
20.	Quantity (in Kgs) and Mode of Disposal of e-waste	Nil
21.	Details of D.G. set with Capacity in KVA	Nil
22.	Air Pollution Control Measures	<ol style="list-style-type: none">1. Prevention of fine dust getting air borne by spraying water on the dust generation points2. Wetting of haul roads periodically.3. Avoiding overloading of trailers / tippers.4. Covering of trailer/tippers with tarpaulin during transportation.5. Periodical maintenance of trucks/trailers.6. Periodic check – up of vehicles for Emissions under Control measures.7. Development of green belt along the periphery, haul roads, waste dumps etc.
23.	Details of green belt (including lawn) area hectares	In Mining Lease-II area there are 1088 trees in an extent of 0.90Ha and additional 1000 trees will be developed in another 0.90 Ha. Thus, about 1.800 Ha (13.54%) will be under Green Belt with 2,088 Trees pertaining to this particular Lease.
24.	Provision for rain water harvesting	Kallakudi Pit Three pits of 2200 m ³ , 54000 m ³ and 8000 m ³ Kovandakurichi Pit Two pits of 12000 m ³ and 18000 m ³

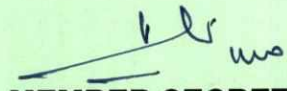


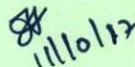
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25.	Availability of approach road & linkages	NH-81 (earlier NH-227) runs parallel to the Pits.
26.	Containment of Noise	<ul style="list-style-type: none">• Avenue Plantation along the periphery.• Green belt development with thick foliage along haul roads.• Mining equipments deployed will have in-built mechanism for reducing noise.• Sound proof operator's cabin of equipments shall be provided.• Ear muffs/ear plugs shall be provided to the workers in higher noise zone.
27.	Public Hearing	04.07.2017. S.F. No.33 & 34, Venkatachalapuram Village, Lalgudi Taluk, Trichy District
28.	CSR Activities	Rs.2.0Lakh per annum and an additional amount of Rs.6.00 lakhs for addressing CSR issues.
29.	EMP Budget	EMP Budget- Rs.10.00lakhs per Annum, Capital cost - Rs.1.50 Lakhs per Annum Operating cost - Rs.8.50 Lakhs per annum.
30.	Wild life Act	There are no eco sensitive areas like National Parks, Wildlife Sanctuaries, Biosphere Reserves, Elephant Corridor, Mangroves, Archaeological/Historical Monuments, Heritage sites, etc. within 10 km from the proposed site boundary.

Validity:

The SEIAA hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 as amended, with validity co-terminus with the mining lease period, subject to the compliance of the terms and conditions stipulated below


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Conditions for Pre - Construction Phase:

- i) "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu before taking up any construction activity at the site.
- ii) In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained. No change in mining technology and scope of working should be made without prior approval of the State Environmental Impact Assessment Authority. No change in the calendar plan including excavation, quantum of mineral limestone and waste should be made.
- iii) Project proponent shall comply with all the guidelines and notifications issued by MoEF&CC, New Delhi regarding Mining of Minerals and comply with orders of Hon'ble NGT from time to time regarding mining of minerals under 1(a).
- iv) A copy of the clearance letter shall be sent by the proponent to the Local Body, Lalgudi Taluk, Trichy District, and the Local NGO, if any, from whom suggestions / representations, if any, have been received while processing the proposal. The clearance letter shall also be put on the website of the Proponent.
- v) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.
- vi) The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.
- vii) All required sanitary and hygienic measures should be in place before starting construction activities and they have to be maintained throughout the construction phase.
- viii) The company shall stress upon the preventive aspects of occupational health.



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- ix) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- x) The project authorities should advertise with basic details at least in two widely circulated local newspapers, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN and a copy of the same should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai.
- xi) A separate environment and safety management cell with qualified staff shall be set up before commissioning of construction activities and shall be retained throughout the lifetime of the industry, for implementation of the stipulated environmental safeguards.
- xii) The State Pollution Control Board should display a copy of the Environmental Clearance issued to the project at the Regional office, District Industry Centre and the Collector's office/Tahsildar's office for 30 days. The Project Proponent has to conduct Ambient Air Quality survey twice in a week (104 times) in a year and monitor the PM₁₀ & PM_{2.5}.
- xiii) A scientific site/ ecological rehabilitation and restoration plan on long term basis should be drawn to carryout restoration with native species and Bio diversity.
- xiv) The Green/Blue plan should guide the restoration of the site. The rehabilitation/restoration plan should be submitted to SEIAA-TN within one month.
- xv) An amount of Rs. 5 Lakhs should be allocated under CSR for research studies on rehabilitation & research and awarded to forest department/accredited forest research institution of State or Central Government, or biodiversity organisations.
- xvi) The existing water bodies should not be disturbed to ensure sustainable environment for aquatic life forms.
- xvii) The proponent should completely implement all environmental pollution control



- measures as detailed in the EIA report and in the additional report
- xviii) Additional sprinklers to be effectively added along the route for transporting limestone from the mines to the plant
- xix) Avenue plantation wherever needed has to be carried out along the route for dust suppression.
- xx) The green belt developed for the prevention of dust pollution should not form a part of the larger green belt development envisaged in the EIA report.
- xxi) Regarding CSR activities, the proponent should concentrate more on infrastructure facilities useful to the local community. They should include skill development and sports as some of the activities in this regard.
- xxii) Regular monitoring and check up for pulmonary and carcinogenic diseases to be carried out regularly, not only for the workers involved in the mines but also to the people in the villages adjoining the mines. Interaction with the PHC & district medical officer should be on regular basis to monitor the incidence of the diseases if any and to provide suitable medical facility for the patients.
- xxiii) As mining operations are conducted by deploying rock breakers which is bound to produce noise as well as vibration, a survey has to be undertaken for studying the vibrations and remedial action need to be taken to circumvent the noise pollution and dissemination from the source. Vibration studies need to be conducted by a reputed organization like Annamalai University, Anna University, NIT, Trichy. Green barrier needs to be provided between the mine boundary and the nearby habitation to minimize the noise pollution.

Conditions for Construction/Mining Phase

- I. Non - Conventional open-cast mining deploying mega rock breakers shall be adopted as reported for the mining of lime stone. No Drilling or Blasting shall be done during mining operations.
- II. To furnish to the SEIAA for one year period:



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- a. Report on quality and quantity of ground water to be generated during mining operations.
 - b. Comparative statement on normal ground water and mined out water with respect to qualities & suitability for agriculture etc for one year period.
- III. Monitoring of well water levels and water quality of the wells in the locations furnished in the EIA report shall be done during pre-monsoon and post monsoon period and results submitted to the Regional Office of MoEF, Chennai and SEIAA.
- IV. Monitoring of water quality and air quality in and around the project site in the selected monitoring points as mentioned in the EIA report shall be continued regularly involving Academic Institutions.
- V. Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and constructing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office, Chennai, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.
- VI. Hydro geological study including infiltration test shall be conducted by any reputed agency to estimate leachate quantity.
- VII. The excess over burden shall not be disposed for any commercial purposes and shall be disposed within the mine lease area only.



- VIII. The proponent shall conduct AAQ Monitoring Survey once in 6 months in the locations furnished in the EIA report and furnish report to the Regional Office of MoEF, Chennai. It shall be ensured that one AAQ station shall be located in the nearby habitation of Kallakudi & Kovandakurichi village.
- IX. The critical parameters such as RSPM ($PM_{2.5}$, PM_{10}) and NO_x in the ambient air within the impact zone, peak particle velocity at 300 m distance or within the nearest habitation, whichever is closer shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH and Total Suspended Solids (TSS))]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the company in public domain.
- X. Data on ambient air quality [(RSPM and NO_x)] shall be regularly submitted to the Regional office of MoEF at Chennai and the SEIAA/SPCB/CPCB once in six months.
- XI. 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.
- XII. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
- XIII. Regular medical check-up for mine workers and nearby residents around the project site involving community medical centre/NIMH shall be conducted.
- XIV. As per norms, the health study should be conducted through competent/approved health organization and report submitted for one year.
- XV. Corpus fund created should be prioritized and utilized for health issues.



- XVI. Mineral handling area shall be provided with adequate number of high efficiency dust extraction system. Loading and unloading areas including all transfer points shall also have efficient dust control arrangements. These should be properly maintained and operated.
- XVII. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral within the lease area. The mineral transportation within the mine lease shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- XVIII. The effective safe guard measures shall be provided to control particulate dust level in critical areas, transfer points and haul road within the mine area.
- XIX. At least four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for monitoring of RSPM (PM_{2.5}, P.M₁₀) and NO_x. Location of the stations should be decided in consultation with Tamil Nadu Pollution Control Board based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring etc.
- XX. Mine working shall be restricted upto 32 (KLK) & 89 m BGL as per the present mine plan period. NOC from the State GWA for drawing ground water shall be furnished.
- XXI. Separate drain shall be constructed in between waste dump (bund) and nearby river course, if any, to avoid silting in the water body.
- XXII. Garland drains and siltation ponds of appropriate size shall be constructed around the mine working, soil and mineral dumps to prevent run off of water and flow of sediments. The water so collected shall be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted, particularly after the monsoon, and maintained properly.



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- XXIII. The rain water accumulation in the mine during rainy seasons shall be treated by providing settling tanks in the periphery of the mining lease area and the overflow clean water from the settling tanks shall be allowed to discharge through the first order streams to join nearby natural drains. The settling tanks shall be cleaned periodically for removal of sediments and such records of cleaning shall be maintained properly.
- XXIV. Garland drains proposed on the non moving sides of the Dump yards shall be connected to settling tanks to arrest any wash off sediments from the dumps and only overflowing clean water shall be allowed to discharge through the first order streams. The settling tanks shall be of sufficient dimensions to hold the wash offs in one rainy season and has to be cleaned before every rainy season.
- XXV. Conservation plan furnished to protect the scheduled flora and fauna in the core and buffer zone of the project site shall be implemented. Scheduled species of fauna found in the study area shall be monitored closely.
- XXVI. Annual monitoring on Bio-diversity around the project site shall be conducted and a report shall be furnished.
- XXVII. Greenbelt shall be raised including a 7.5 m wide statutory barrier all around the mining lease, reclaimed and rehabilitated areas, around water body, roads etc. by planting the native species in consultation with the local DFO/Agriculture Department. The ultimate area to be planted /afforested shall not be less than 0.4 ha. Greenbelt shall be developed all along the mine lease area in a phased manner as per the approved mining plan.
- XXVIII. Green belt shall be provided as per norms of MoEF & CC, GOI, in consultation with local DFO.
- XXIX. The project authority shall implement suitable water conservation measures including rain water harvesting system to augment ground water resources in the area in consultation with the Regional Director, State Ground Water Board.



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- XXX. The Company shall submit within 3 months their policy towards Corporate Environment Responsibility which should inter-alia address (i) Standard operating process/ procedure to bring into focus any infringement/deviation/violation of environmental or forest norms/conditions, (ii) Hierarchical system or Administrative order of the company to deal with environmental issues and ensuring compliance of EC conditions and (iii) System of reporting of non-compliance /violation of environmental norms to the Board of Directors of the company and/or stakeholders or shareholders.
- XXXI. A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forests, Government of India, New Delhi in advance of 5 years prior to the final mine closure for approval. Mine closure procedure shall be followed as per the approved mining plan.
- XXXII. Depth of water table of the wells located inside the mining area and wells located around the monitoring area shall be monitored regularly.
- XXXIII. CSR activity shall include providing social & welfare measures for the local residents & nearby villages around the mine area. It shall focus on providing water supply and sanitation facility to the nearby government schools around the mine area and maintenance of village roads, ponds, providing solar street lights etc. Funds earmarked for CSR activity shall be used for that purpose only and separate account shall be maintained and report on implementation shall be furnished regularly.
- XXXIV. The points raised in public hearing and concerns shall be addressed without fail as per action plan submitted to SEIAA.

Conditions for Post Construction / Operation Phase & Entire life of the project:

- i. It is mandatory for the project proponent to furnish to the SEIAA, Half yearly compliance report in hard and soft copies on 1st June and 1st December of each



- calendar year in respect of the conditions stipulated in the prior Environmental clearance, and also before commencement of production.
- ii. No expansion or modernization in the project shall be carried out without prior approval of the SEIAA-TN. In case of any deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the SEIAA-TN to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
 - iii. All the environmental protection measures and safeguards as recommended in the EIA report shall be complied with.
 - iv. The implementation of the project vis-à-vis environmental action plans shall be monitored by the Regional office of MoEF at Chennai/TNPCB/CPCB. A six monthly compliance status report shall be submitted to monitoring agencies regularly.
 - v. Data on ambient air, stack and fugitive emissions shall be regularly submitted online to the Regional office of MoEF at Chennai, TNPCB and Central Pollution Control Board as well as hard copy once in six months and display data on RSPM, SO₂ and NO_x outside the premises at the appropriate place for the general public.
 - vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Mines Act.
 - vii. The first aid facilities in the occupational health centre shall be strengthened and the medical records of each employee should be maintained separately
 - viii. The overall noise levels in and around the mining area shall be kept well within the standards prescribed for by providing noise control measures on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 55 dBA (day time) and 45 dBA (night time).
 - ix. The project proponent shall regenerate / preserve water body located at about 5.0 km from the propose site at its own expenses. The project proponent shall also develop



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village ponds in addition and shall ensure that the existing ponds in and around 5.0 Km radius are well maintained.

- x. Hydro geological study of the area shall be reviewed annually and report submitted to the Authority. No water bodies including natural drainage system in the area shall be disturbed due to activities associated with the operation of the Mining activity.
- xi. CSR activity shall be implemented as committed by drawing a scheme for social up liftmen in the surrounding villages with reference to contribution in road construction, providing sanitation facilities, drinking water supply in the government schools nearby, community awareness, establishment of health centres, water supply to nearby villages and employment to local people whenever and wherever possible both for technical and non-technical jobs and protection of water sources around the project site etc. Funds earmarked for CSR activity shall be used for that purpose only and separate account shall be maintained and report on implementation shall be furnished regularly.
- xii. A separate Environmental Management Cell equipped with full fledged laboratory facilities to carry out the various Environmental Management and Monitoring functions shall be set up under the control of a Senior Executive.
- xiii. The requisite amount earmarked towards capital cost and recurring cost/annum for implementing pollution control measures shall be used judiciously to implement the Environment Management Plan as furnished in the EIA report. The funds so provided shall not be diverted for any other purposes.
- xiv. The project proponent shall upload the status of compliance of the stipulated environmental clearance 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 the MoEF at Chennai, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; RSPM, SO₂, NO_x or critical sector parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

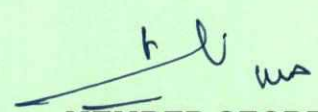


- xv. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Chennai/CPCB/SPCB shall monitor the stipulated conditions.
- xvi. 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 environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.
- xvii. Environmental Clearance is being issued without prejudice to the action initiated under Environment (Protection) Act, 1986 or any court case pending or any other court order shall prevail.
- xviii. The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- xix. The SEIAA/SEAC reserves the right to add any further condition(s) on receiving reports from the project authority. The above condition shall be monitored by the Regional Office of MoEF located at Chennai.
- xx. The SEIAA, TN may revoke or suspend the Environmental clearance, if implementation of any of the above conditions is not satisfactory.
- xxi. The SEIAA, TN may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.



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- xxii. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
- xxiii. 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, the Public Liability Insurance Act, 1991, along with their amendments, draft Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India / Hon'ble High Court of Madras and any other Courts of Law relating to the subject matter.
- xxiv. This clearance is issued with respect to only environmental considerations and it does not imply that SEIAA approved the way by which lease is granted to the project. While granting lease, the concerned authority shall ensure compliance of Relevant rules, Regulations, Notification, Government resolutions, circulars, Judgments/Orders of Hon'ble Court and NGT, etc.
- xxv. Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


MEMBER SECRETARY
SEIAA-TN

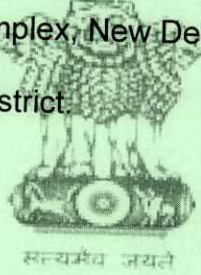


Copy to:-

1. The Principal Secretary to Government, Environment & Forests Department,
Govt. of Tamil Nadu, Fort St. George, Chennai – 600 009.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan,



- CBD Cum-Office Complex, East Arjun Nagar, New Delhi 110032.
3. The Member Secretary, Tamil Nadu Pollution Control Board,
76, Mount Salai, Guindy, Chennai - 600 032.
 4. The ACCF(C), Regional Office of MoEF,
34, hepc Building, 1 & 2 nd Floors, Cathedral Garden Road,
Nungambakkam, Chennai - 600 034.
 5. Monitoring Cell, I A Division, Ministry of Environment & Forests,
Paryavaran Bhavan, CGO Complex, New Delhi 110003.
 6. The District Collector, Trichy district
 7. Stock Fille.



SEIAA
TN