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STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY
ENVIRONMENTAL CLEARANCE

From:	To:
DR. S. KALYANASUNDARAM, I.F.S.(Retd.) **CHAIRMAN** 3rd Floor, Panagal Maaligai, No.1, Jeenis Road, Saidapet, Chennai-600 015. Telephone No. :044-2435 9974	The Chief Operating Officer M/s.Chettinad Cement Corporation Ltd Rani Seethai Hall Building, 603,Anna Salai,, Chennai – 600 006.

Lr.No.SEIAA-TN /F.No-3000/2013 /EC- 40/1(a)/ARY/2016/dated /27.04.2016.

Sir,

Sub: SEIAA, TN – Environmental Clearance for the Proposed Karuppur Kilapaluvur Limestone Mines (New Mine For Captive Use), Karuppur Senapathy & Kilapaluvur villages, Ariyalur Taluk & District of Extent 26.145 Ha and Production capacity 0.76 MTPA (0.6 MTPA Limestone & 0.1 MTPA Marl) by M/s.Chettinad Cement Corporation limited - Issued - Regarding.

1.0 This has reference to your application for Environmental Clearance to MoEF, GOI dated 06.03.2013, 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.

2.0 It is noted, interalia that the project proposal is for Production capacity 0.76 MTPA (6,57,112 MTPA Limestone & 1,01,405 MTPA Marl) @ 2530Tons per day, in applied mine lease area of 26.145 hectares, (25.20 ha company owned Patta lands & 0.945 ha Government Poramboke Land) at - S.F.No. 1- 3 & 4 of Karuppur Senapathy Village and S.F.No. 137,141,143,144,145,146,152,153 &154 of Kilapalvur Village, Ariyalur Taluk, Ariyalur District, so as to meet the captive need of the Cement Plant at Kilapalvur (Ariyalur Unit) in Tamil Nadu. The co-ordinates of the mining lease area is furnished as $11^0$03'29.0''- $11^0$03'48.2"N Latitude & $79^0$04'23.1"-$79^0$04'52.4"E Longitude as per Topo sheet No. 58M/4. No forestland is involved. There is no R&R.

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3.0 The lime stone mining is a proposed one (<50 ha). Mining operations is **fully mechanized Opencast Non-Conventional method of Mining. Rock breakers will be deployed** for the fragmentation of oversize boulders as Primary and Secondary breaking eliminating drilling and Blasting. Excavator will be used for loading the materials into the tippers which will be used for transportation of minerals from the mines to crusher at Kilapaluvur Cement Plant located at 1.0 Km distance in the West. Total mineable reserve is estimated as 2.88 Million Tonnes of Limestone and 0.685 Million Tonnes of Marl. Mining will commence from 73 m RL and the Ultimate pit limit will be 58 m RL (15m below ground level).

4.0 During the present Mine Plan Period, no production is proposed in the 1st year of the plan period. During the second to fifth year 21,75,954 Tons of Limestone and 2,66,010 Tons of Marl are to be produced and consumed. In the sixth to eighth year 711760 Tons of Limestone and 419790 Tons of Marl are to be produced. At the proposed rate of production, the anticipated life of mine is eight years. The existing reserve of the mine will last for a period of 8 years, with the production rate of 0.45 MTPA. No processing or beneficiation of the ore or mineral mined is planned. The ultimate mine working depth will be 15m bgl. Ground water table in the mining lease area generally fluctuates between 18m bgl to 20m bgl. No Hydro-geological study has been conducted as there is no intersection of Ground water in Mine working during the scheme period.

5.0 The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee, Tamilnadu in its 63rd meeting held on 30.01.2015 &31.01.2015 and recommended to SEIAA-TN to consider issue of EC. The SEIAA-TN in the 119th meeting held on 19.02.2016 decided to issue EC after obtaining NOC from National Board for Wild Life (NBWL) as site is located within 10 Kms of Notified Bird Sanctuary under the Wild Life Act 1972 –(Karaivetti Bird Sanctuary at 8 Kms from site). The proponent was informed accordingly. Further as SEIAA-TN was dissolved on 3rd April 2015 and reconstituted on 12th August 2015, the proponent was addressed again vide letter. No. SEIAA-TN/F3000/2014 dated 23.10.2015. As per procedure laid

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down in OM.No.F.No.J-11013/41/2006-IA.II(I)(Part),GOI,MoEF&CC,dated 30.03.2015, the project proponent has submitted the acknowledgement of application filed before the competent authority for wildlife clearance from the Standing Committee of national Board for wildlife on 18.01.2016 .

6.0 The proposal was placed in the 173rd SEIAA-TN meeting held on 27.04.2016 and SEIAA after careful consideration decided to issue Environmental Clearance in its meeting and vide item No 173-15 it was decided by SEIAA to issue prior EC based on the Information submitted by you which are extracted below.

F.No. 3000/2012		**Date of receipt at MoEF : 06.03.2013** **Date of receipt at SEIAA from MOEF : 22.09.2014.** **Date of receipt of Acknowledgement from NBWL :18.01.2016**
S.No	**Description**	**Details**
1	Name of the Project	Chettinad Cement Corporation Limited, of Karuppur Senapathy and Kilapalvur Village, Ariyalur Taluk, Ariyalur District .Limestone Mines (Captive)
2	Location Co-ordinates-	S.F.No.1- 3 &4 of Karuppur Senapathy and S.F.No. 137,141,143,146,153 &154 of Kilapalvur Village, Ariyalur Taluk, Ariyalur District. $11^0$03'29.0"- $11^0$03'48.2"N Latitude & $79^0$04'23.1"-$79^0$04'52.4"E Longitude
3	Type of Project	Mining of Major Minerals Schedule 1 (a): < 50 ha - ≥ 5 ha of Mining lease area in respect of non-coal mine lease.
4	Total Area (in hectares)	26.145 ha; Mining pit – 19.650 ha [area of excavation] Over/ Waste Dump – 0.570 ha Green belt cover – 4.950 ha Workshop/Infrastructures - 0.100 ha Haul Road – 0.845 ha Unused land/Safety Zones - 0.030 ha
5	Cost of Project	Rs. 2.70 Crores

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6	Brief description of the project	Mining operations shall be carried out by **fully mechanized opencast Non-Conventional method of Mining will be adopted by deploying Rock breakers** for the fragmentation of oversize boulders as Primary and Secondary breaking eliminating drilling and Blasting. Excavator will be used for loading the materials into the tippers which will be used for transportation of minerals from the mines to crusher at Kilapaluvur Cement Plant located at 1.0 Km distance in the West.
7	Documents enclosed	1. Form I with Final EIA Report as per TOR vide no.J-11015/77/2013-IA.II(M)dt24.07.2014. 2. Minutes of Public Hearing conducted on 26.02.2014. 3. Copy of Mining lease deed 4. Modified Mining plan along with Progressive mine closure plan approved by IBM.
8	Production capacity	Lime stone – 0.76 Million Tons Per Annum @ 2530 Tons per day. (Mine plan period-8 years)
9	a) Water requirement KLD b) Source	25 KLD; Domestic – 5 KLD Dust suppression – 5 KLD Green Belt –15 KLD Own Bore well and mine pit seepage water
10	Quantity of sewage KLD	4.5 KLD
11	Details of STP	Septic tank (5.6 x 2.15 x 1.3 m) followed by dispersion trench (3 x 2.4 x 1m)
12	Mode of Disposal of treated sewage with quantity	4.5 KLD; On land for percolation
13	Quantity of Solid Waste generated per day (in Kgs)	9,45,805 Tons Topsoil + Rejects
14	Mode of Disposal of excavated earth/construction debris (cum)	Top soil and Overburden (about 4,01,817 tons) and Rejects generation is about 5,43,988 Tons The topsoil will be removed, dumped and used for Green belt along the periphery, Safety Zone and for the afforestation in the backfilled area. Rejects will be stacked as dump in the area earmarked separately.
15	Quantity (in Kgs) and Mode of Disposal of e-waste	Not applicable
16	Details of D.G. set with	Nil

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	Capacity in KVA	
17	Air Pollution Control Measures	1. Prevention of fine dust getting air borne by spraying water on the dust generation points 2. 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. Avoiding blasting during high wind periods. 8. Development of green belt along the periphery, haul roads, waste dumps etc.
18.	Use of local building materials, Fly – ash and industrial waste	Not applicable
19	Utilization of Solar power	Not applicable
20	Details of other Energy saving measures	Not applicable
21	Use of alternate energy (wind mill / energy through waste)	Not applicable
22	Details of recreation area (including extent in hectares)	Not applicable
23	Details of green belt (including lawn) area hectares)	4.95 ha with 12,375 saplings (@ 2500 trees/Ha) during the plan period, along the boundaries, haul roads etc. Afforestation in the reclaimed area of 5.28ha will also be under taken At the post mining stage an area of 10.80 ha (41.3% coverage) will be afforested.
24	Provision for rain water harvesting	After reaching ultimate depth the excavated mine pits would be converted into a water reservoir.
25	Availability of approach road & linkages	Available
26	Details of increase in transport	Not applicable

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	vehicles	
27	Containment of Noise	• Green belt development with thick foliage along roads and around the boundaries. • 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.
28	Availability of parking space Numbers Area in sq.M	Not applicable.
29	CSR Activities	Rs.3.00Lakhs per annum).
30	EMP Budget	Capital cost- Rs.5.00 lakhs,Operating cost - Rs.5.00 Lakhs per annum.
31	Wild life Act	Acknowledgement of Application for NOC from Forest Dept submitted to The Chief Wild Life Warden , as Karaivetti Bird Sanctuary is located at 8.00Km from Site furnished.

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VALIDITY:-

The SEIAA-TN hereby accords Environmental Clearance to this project under the provisions of the EIA Notification 2006 as amended, with Validity for **SEVEN** years from date of issue and is Co-Terminus with the mining lease period or whichever is earlier and subject to the following conditions.

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Conditions for Pre - Construction Phase:

i) NOC from the National Board for Wild Life shall be obtained before commencement of Quarry operations, for the Karaivetti Bird Sanctuary located at distance of 8 Km from the proposed site for application submitted for the same on 01.07.2014.

ii) Vision document specifying prospective plant for the site shall be formulated and submitted to the Regional office of the Ministry within six months.

iii) 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.

iv) A copy of the clearance letter shall be sent by the proponent to the Local Body, Ariyaluri Taluk, Ariyalur 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.

ii) "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.

iii) 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.

iv) The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.

v) 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.

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vi) All required sanitary and hygienic measures should be in place before starting construction activities and they have to be maintained throughout the construction phase.

vii) The company shall stress upon the preventive aspects of occupational health.

viii) 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.

ix) 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.

x) 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.

xi) 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.

Conditions for Construction Phase

a) Non - Conventional open-cast mechanized mining method shall be adopted as reported for the mining of lime stone.No Drilling or Blasting shall be done during mining operations.

b) 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.

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c) 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

d) 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.

e) 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 Kilapalvur villagei village.

f) The critical parameters such as RSPM ($PM_{2.5}$, $P.M_{10}$) and NOX in the ambient air within the impact zone, peak particle velocity at 300m 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. The circular No. J-20012/1/2006-IA. II (M) dated 27.05.2009 issued by Ministry of Environment and Forests, Government of India, New Delhi which is available on the website of the Ministry at www. envfor.nic.in shall also be referred in this regard for its compliance.

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g) Data on ambient air quality [(RSPM and NOX] shall be regularly submitted to the Regional office of MoEF at Chennai and the SEIAA/SPCB/CPCB once in six months.

h) 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.

i) 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.

j) Regular medical check-up for mine workers and nearby residents around the project site involving community medical centre/NIMH shall be conducted.

k) 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.

l) 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.

m) 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.

n) 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 ($PM_{2.5}$, $P.M_{10}$) 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.

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o) Mine working shall be restricted upto 15 bgl (average) as per the present mine plan period. NOC from the State GWA for drawing ground water shall be furnished.

p) Separate drain shall be constructed in between waste dump (bund) and River Marudaiyar in to avoid silting in the Marudaiyar.

q) 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.

r) 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.

s) 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.

t) Proper scheme to lay the GEO-MAT on the dump yard on non moving sides shall be evolved to develop plantation on the GEO-MAT to have a green coverage.

u) 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.

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v) Annual monitoring on Bio-diversity around the project site shall be conducted and a report shall be furnished.

w) Greenbelt shall be raised including a 7.5m 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. The density of the trees should be around 2000 plants per ha. Greenbelt shall be developed all along the mine lease area in a phased manner and shall be completed within first five years.

x) 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.

y) 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.

z) 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.

aa) Depth of water table of the wells located inside the mining area and wells located around the monitoring area shall be monitored regularly.

bb) 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

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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.

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, SO_2 and NOx 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 Factories Act.

vii. Proper house-keeping and cleanliness must be maintained within and outside the plant.

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viii. Occupational health surveillance programme shall be undertaken as regular exercise for all the employees, especially for those engaged in handling hazardous activities. The first aid facilities in the occupational health centre shall be strengthened and the medical records of each employee should be maintained separately.

ix. 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).

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

xi. 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.

xii. At least three nearest villages shall be adopted and basic amenities like development of roads, drinking water supply, primary health centre, primary school etc shall be developed in co-ordination with the district administration.

xiii. 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.

xiv. 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.

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xv. 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.

xvi. 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, SO_2, NO_x (Ambient levels as well as stack emissions) 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.

xvii. 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 Bangalore/CPCB/SPCB shall monitor the stipulated conditions.

xviii. 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.

xiii. 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.

xiv. The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

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xv. 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.

xvi. The SEIAA, TN may revoke or suspend the Environmental clearance, if implementation of any of the above conditions is not satisfactory.

xvii. 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.

xviii. 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.

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, 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.

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Copy to:-

1. The Principal Secretary to Government, Environment & Forests Department,

Govt. of Tamil Nadu, Fort St. George, Chennai – 600 009.

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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, I & 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, Ariyalur district.

7. Stock File.

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