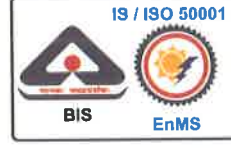


Your (Half Yearly Compliance Report) has been Submitted with following details

Proposal No	SIA/TN/MIN/538861/2025
Compliance ID	1228328504
Compliance Number(For Tracking)	EC/COMPLIANCE/1228328504/2026
Reporting Year	2026
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	28-05-2026
RO/SRO Name	V Geroge Jenner
RO/SRO Email	tr025@ifs.nic.in
State	TAMIL NADU
RO/SRO Office Address	Integrated Regional Offices, Chennai
Note:- SMS and E-Mail has been sent to V Geroge Jenner, TAMIL NADU with Notification to Project Proponent.	



**Chettinad
cement**

CCCPL/TN/KKI (4.37 Ha)/EC Compliance/ Oct 2025 to Mar 2026/25-26/

21.05.2026

To

The Joint Director
Ministry of Environment, Forest & Climate Change
Government of India
IRO, 1st Floor, Additional Office Block for GPOA,
Shastri Bhawan, Haddows Road, Nungambakkam
Chennai - 600 006.

Sir,

Sub: Submission of Environmental Clearance (EC) Compliance Report (Oct 2025 to Mar 2026) – Kankar Quarry Lease (4.37 Ha) of Chettinad Cement Corporation Private Limited at Kallankurichi Village, Ariyalur Taluk & District, Tamilnadu.

Ref: Environmental Clearance granted by SEIAA vide EC Identification No EC25B01081N5525042N dt. 26.08.2025

We submit herewith the Six Monthly Environmental Clearance Compliance reports pertaining to our Kankar Quarry Lease (4.37 Ha) at Kallankurichi Village, Ariyalur Taluk & District, Tamilnadu, for the period from Oct 2025 to Mar 2026.

Environmental Monitoring Report comprising of

- | | |
|--|--------------|
| 1. Photos of Fencing Arrangements | - Annexure 1 |
| 2. Photos of Green Belt development | - Annexure 2 |
| 3. Photos Toilet Septic Tank & Dispersion Trench | - Annexure 3 |
| 4. Non forest area - Mining Plan | - Annexure 4 |
| 5. Photos of Mine Working | - Annexure 5 |
| 6. Photos of Tarpaulin Covered Vehicle- Mineral Transportation | - Annexure 6 |
| 7. Photos of Display Board | - Annexure 7 |

Kindly acknowledge the receipt of the same.

Yours faithfully,

For Chettinad Cement Corporation Private Limited

R. P. Muthiah

Sr. Vice President (Works)

Copy to:

Zonal Office, CPCB, Chennai
Member Secretary, TNPCB, Chennai.
JCEE, TNPCB, Trichy
DEE, TNPCB, Ariyalur

Chettinad Cement Corporation Private Limited.

Ariyalur Trichy Road, Keelapalur Post,
Ariyalur Dist - 621707, Tamilnadu, India.
T +91 4329 250009
E : ariyalur@chettinadcement.com
www.chettinad.com

Regd. Office : CIN - U93090TN1962PTC004947

Chettinad Towers,
603, Anna Salai, Chennai - 600 006,
Tamilnadu, India.
T +91 44 28292727, 42951800
F +91 44 28291558

**Half Yearly Compliance Report
2026
01 Jun(01 Oct - 31 Mar)**

Acknowledgement

Proposal Name		LIMEKANKAR QUARRY LEASE OF CHETTINAD CEMENT CORPORATION PVT. LTD. OVER AN AREA OF 4.370 HA IN KALLANKURICHI VILLAGE, ARIYALUR TALUK & DISTRICT, TAMIL NADU																	
Name of Entity / Corporate Office		CHETTINAD CEMENT CORPORATION PRIVATE LIMITED																	
Village(s)		AMINABAD																	
District		Ariyalur																	
<table><tr><td>Proposal No.</td><td>SIA/TN/MIN/538861/2025</td></tr><tr><td>Plot / Survey / Khasra No.</td><td>N/A</td></tr><tr><td>State</td><td>TAMIL NADU</td></tr><tr><td>MoEF File No.</td><td></td></tr></table>		Proposal No.	SIA/TN/MIN/538861/2025	Plot / Survey / Khasra No.	N/A	State	TAMIL NADU	MoEF File No.		<table><tr><td>Category</td><td>Non-Coal Mining</td></tr><tr><td>Sub-District</td><td>Ariyalur</td></tr><tr><td>Entity's PAN</td><td>*****3130A</td></tr><tr><td>Entity name as per PAN</td><td>CHETTINAD CEMENT CORPORATION PRIVATE LIMITED</td></tr></table>		Category	Non-Coal Mining	Sub-District	Ariyalur	Entity's PAN	*****3130A	Entity name as per PAN	CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
Proposal No.	SIA/TN/MIN/538861/2025																		
Plot / Survey / Khasra No.	N/A																		
State	TAMIL NADU																		
MoEF File No.																			
Category	Non-Coal Mining																		
Sub-District	Ariyalur																		
Entity's PAN	*****3130A																		
Entity name as per PAN	CHETTINAD CEMENT CORPORATION PRIVATE LIMITED																		

Compliance Reporting Details

Reporting Year	2026
Remarks (if any)	EC Complaine report with Annexures for the period Oct 25 to Mar 26
Reporting Period	01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office	CHETTINAD CEMENT CORPORATION PRIVATE LIMITED
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	Project Area as per EC Granted	Actual Project Area in Possession
Private	4.37	4.37
Revenue Land	0	0
Forest	0	0
Others	N/A	N/A
Total	4.37	4.37

Others Area

Sr. no	Other Name	Area Granted	Area Actual
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Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Lime Kankar	Others: Ton for Five years	31/03/2030	97196	4536.88	97196

Conditions

Visit Remarks

Last Site Visit Report Date:

N/A

Additional Remarks:

Annexure -6 Tarpaulion coverage Annexure- 7 Display Board in LK Quarry site

Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.

Chettinad Cement Corporation Private Limited (Ariyalur Works)
Keelapaluvur Village, Ariyalur Taluk & District, Tamilnadu
Kallankurichi Lime Kankar Quarry - 4.37 Ha
Environmental Clearance (EC) Compliance Report (Oct '25 – Mar '26)
Environmental Clearance (EC) issued by MoEFCC vide EC Identification No:EC25B0108TN5525042N

Specific Condition

S.No	Condition Heading	Conditions	Compliance Status
1	MINING PLAN	Keeping in view of MoEF and CCs notification S.O.1533E dated.14.09.2006 and S.O.1807E dated 12.04.2022, this Environmental Clearance is valid as per the approved mine plan per od.	Condition noted and will be complied.
2	MINING PLAN	The EC granted is valid only for Lime Kankar at 100percentage recovery.	Condition noted and will be complied.
3	STATUTORY COMPLIANCE	The EC granted is subject to review by District Collector, Mines Dept. and TNPCB on completion of every 5 years and also during the mine plan period, till the project life so as to review the EC conditions and to ensure that they have all been adhered to and implemented.	Condition noted and will be complied.
4	STATUTORY COMPLIANCE	The project proponent shall submit a Certified Compliance Report obtained from RO of MoEF and CC to the monitoring, regulatory and other concerned authorities including SEIAA, while seeking a renewal of the mining plan to cover the project life	Certified Compliance Report will be obtained from MoEF and CC while seeking a renewal of the mining plan to cover the project life.
5	STATUTORY COMPLIANCE	There should be regular monitoring of air quality, water quality, ground water level and noise quality and reports regarding the same should be submitted to TNPCB, SEIAA and RO of MoEF and CC once in every 6 months.	Regular Monitoring of air quality, water quality, ground water level and noise quality will be done and same will be submitted.
6	MINING PLAN	The proponent shall strictly adhere to the mining plan and half yearly and annual returns shall be submitted to the Director of Geology and Mining Department with copy marked to TNPCB, SEIAA and RO of MoEF and CC.	Quarrying operation will be carried out as per approved Mining Plan.
7	GREEN BELT	Biodiversity in and around the project area should be monitored frequently and detailed biodiversity report should be submitted every year to SEIAA and RO of MoEF and CC	Biodiversity study in and around the project area will be carried out and same will be submitted.
8	LAND RECLAMATION	The progressive and final mine closure plan including the green belt implementation and Environmental norms should be strictly followed as per the EMP and as per the amount committed and approved in EC for EMP. Status of progressive mine closure and green belt implementation should be included in the half yearly compliance report submitted to TNPCB, SEIAA and RO of MoEF and CC.	Progressive and final mine closure plan including the green belt implementation activities will be carried out as per Mining Plan Proposal and same will be included in the half yearly compliance report.



S.No	Condition Heading	Conditions	Compliance Status
9	STATUTORY COMPLIANCE	As per the OM vide F. No. IA3-22/1/2022-IA-III E- 172624 Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the Environmental conditions prescribed in the prior Environmental clearance letters through newly developed compliance module in the PARIVESH Portal from the respective login. A copy of the half yearly compliance report should be mailed to envcompseiaa@natgmaail.com	Compliance report will be submitted in PARIVESH Portal and same will be mailed.
10	CORPORATE ENVIRONMENTAL RESPONSIBILITY	The amount allocated for EMP should be kept in a separate account and both the capital and recurring expenditures should be done year wise for the works identified, approved and as committed. The work and expenditure made under EMP should be elaborated in the bi-annual compliance report submitted and also should be brought to the notice of concerned authorities during inspections	The funds earmarked for environmental protection measures will be used for environmental protection measures and will be kept in separate account only.
11	LAND RECLAMATION	The project proponent shall store/dump the rejects generated within the earmarked area of the project site and utilize the same for mine closure as per the approved mine closure plan.	Rejects are will be dumped within earmarked area and same will be utilized for Mine Closure.
12	GREEN BELT	The plantation of saplings shall be carried out in the earmarked greenbelt area as a part of the tree plantation campaign Ek Ped Ma Ke Naam and the details of the same shall be uploaded in the MeriLIFE Portal https://merilife.nic.in .	We completed 275 Nos plantation along the 7.5 m boundary of the quarry lease area and attached in Annexure -02
13	MINING PLAN	The PP shall mark the DGPS reference pillars painted with blue and white colour indicating the safety barrier of 7.5 m to be left within the lease boundary and protective bunds and shall also erect fencing all around the boundary of the proposed area with gates for entry /exit before the commencement of the operation and shall furnish the photographs /map showing the same before obtaining the CTO from TNPCB	Condition noted and we will provide a safety distance of 7.5m distance. We erected fencing all around the boundary and Photographs of the same attached in Annexure -1.
14	GREEN BELT	The PP shall carry out the required number of plantations as committed in the EMP without deviation before obtaining the CTO from the TNPCB	We completed 275 Nos plantation along the 7.5 m boundary of the quarry lease area and attached in Annexure -02 S.No Plant Scientific Name Local Name No of Saplings planted 1 Thespesia populnea Poovarasu 56 2 Pongamia pinnata Pungan 85 3 Terminalia arjuna Neermaruthu 134 Total Numbers of Saplings Afforested 275
15	MINING PLAN	The PP shall carry out only non-conventional mining operation without drilling and blasting as per approved mine plan	Blasting operation will not be carried out. We adopt non-conventional method of quarrying by utilizing Rock breaker and Excavators.



S.No	Condition Heading	Conditions	Compliance Status
16	CORPORATE ENVIRONMENTAL RESPONSIBILITY	As accepted by the Project Proponent the CER cost is Rs. 9.50 lakhs and the amount shall be spent towards the committed activities.	CER cost is Rs. 9.50 lakhs and will be spent towards the committed activities.
General Condition			
1	STATUTORY COMPLIANCE	The Environmental Clearance is accorded based on the assurance from the project proponent that there will be full and effective implementation of all the undertakings given in the Application Form, Pre-feasibility Report, mitigation measures as assured in the Environmental Impact Assessment/ Environment Management Plan and the mining features including Progressive Mine Closure Plan as submitted with the application. Environment Impact Assessment Authority SEIAA.	Agreed to adhere the assurance that there will be full and effective implementation of all the undertakings given in the Application Form, Pre-feasibility Report, mitigation measures as assured in the Environmental Impact Assessment/ Environment Management Plan and the mining features including Progressive Mine Closure Plan as submitted with the application.
2	STATUTORY COMPLIANCE	All the conditions as presented by the proponent in the PPT during SEAC appraisal should be addressed in Full	Agreed and will be addressed all the conditions.
3	STATUTORY COMPLIANCE	The proponent shall submit Compliance Reports on the status of compliance of the stipulated EC conditions including results of monitored data. It shall be sent to the respective Regional Office of Ministry of Environment, Forests and Climate Change, Govt. of India and also to the Office of State Environment Impact Assessment Authority SEIAA.	Compliance report will be submitted periodically.
4	STATUTORY COMPLIANCE	Concealing the factual data or submission of false/fabricated data and 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	We assure that there will be no false /fabricated data submitted.
5	STATUTORY COMPLIANCE	The project proponent shall strictly adhere to the provisions of Water Prevention and Control of Pollution Act, 1974, the Air Prevention and Control of Pollution Act, 1981, the Environment Protection Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments, Minor Mineral Conservation and Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006, Wildlife Protection Act, 1972, Forest Conservation Act, 1980, Biodiversity Conservation Act, 2016, the Biological Diversity Act, 2002, Biological diversity Rules, 2004 and TN Forest Act, 1882 and Rules made there under and also any other orders passed by the Honble Supreme Court of India/Honble High Court of Madras and any other Courts of Law relating to the subject matter.	Condition noted and we will strictly adhere all the applicable laws.



S.No	Condition Heading	Conditions	Compliance Status
6	MINING PLAN	The AD/DD, Dept. of Geology and Mining shall ensure operation of the proposed quarry after the submission of slope stability study conducted through the reputed research and Academic Institutions such as NIRM, IITs, NITS Anna University, and any CSIR Laboratories, etc., and ensure strict compliance and implementation of bench wise recommendations /action plans as recommended in the scientific slope stability study.	Total Proposed depth of Kankar quarry 2.55 meters only and the entire area consists no overburden. Therefore, waste dump will not arise. Hence, slope stability study is not applicable Page No 11 of Mining Plan Same attached in Annexure -03 Therefore, this condition does not arise.
7	MINING PLAN	A minimum buffer distance specified as per existing rules and statutory orders shall be maintained from the boundary of the quarry to the nearest dwelling unit or other structures, and from forest boundaries or any other ecologically sensitive and archeologically important areas or the specific distance specified by SEIAA in EC as per the recommendations of SEAC depending on specific local conditions.	As per EC conditions, existing rules and statutory orders, safety distance will be maintained.
8	WATER QUALITY MONITORING AND PRESERVATION	The proponent shall ensure that the activity does not disturb the water bodies, neighbouring open wells, bore wells and natural flow of surface and groundwater, nor cause any pollution, to water sources in the area nor effect the water quality and water quantity in the water sources	We ensure that the mining activity will not disturb the water bodies and natural flow of surface and groundwater and take necessary action to prevent that.
9	WATER QUALITY MONITORING AND PRESERVATION	Water level in the nearest dug well in the downstream side of the quarry should be monitored regularly and included in the Compliance Report	Water level in the nearest dug well will be monitored and will be included in the compliance report.
10	WATER QUALITY MONITORING AND PRESERVATION	Quality of water discharged from the quarry should be monitored regularly as per the norms of State Pollution Control Board and included in the Compliance Report.	Quality of water discharged from the quarry will be monitored regularly as per the norms and will be included in the Compliance Report.
11	WATER QUALITY MONITORING AND PRESERVATION	Rain Water Harvesting facility should be installed as per the prevailing provisions of TNMBR/TNCDBR, unless otherwise specified. Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project	Condition noted and will be complied.
12	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallehs flowing in and around the mine lease area shall be carried out and reported in the compliance reports to SEIAA. At any stage, if it is observed that ground water table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.	Condition noted and will be complied.
13	WATER QUALITY MONITORING AND PRESERVATION	Garland drains and silt traps are to be provided in the slopes around the core area to channelize storm water. De-silting of Garland canal and silt traps have to be attended on a daily basis. A labour has to be specifically assigned for the purpose. The proponent shall ensure the quality of the discharging storm water as per the General Effluent Discharge Standards of CPCB.	Condition noted and will be complied.



S.No	Condition Heading	Conditions	Compliance Status
14	AIR QUALITY MONITORING AND PRESERVATION	The activity should not result in CO2 release and temperature rise and add to micro climate alternations.	We ensure that the mining activities will not result in carbon emission, and temperature rise, in the area.
15	AIR QUALITY MONITORING AND PRESERVATION	The proponent shall ensure that Monitoring is carried out with reference to the quantum of particulate matter during excavation; blasting; material transport and also from cutting waste dumps and haul roads.	We ensure that Monitoring will be carried out with reference to the quantum of particulate matter during excavation; material transport and haul roads.
16	LAND RECLAMATION	The proponent shall ensure that the operations neither result in loss of soil biological properties and nutrients nor deplete the indigenous soil seed bank and disturb the mycorrhizal fungi, soil organism, soil community and result in eutrophication of soil and water. Further, the activities should not disturb the soil properties and seed and plant growth. Soil amendments as required to be carried out, to improve soil health.	We ensure that the operations will not affect soil biological properties and nutrients.
17	LAND RECLAMATION	Bio remediation using microorganisms should be carried out to restore the soil Environment to enable carbon sequestration.	Topsoil will be utilized for afforestation purposed in and around the safety barrier .
18	LAND RECLAMATION	The proponent shall ensure that the mine restoration is done using mycorrhizal VAM, vermin composting, Biofertilizers and the topsoil is protected and used in planting activities, site restoration and establishment of green belt in the area to ensure soil health and biodiversity conservation.	No blasting activities involved during mineral excavation. Only Non-conventional mining methodology adopted. Hence monitoring of peak particle velocity is not applicable.
19	LAND RECLAMATION	The top soil shall be temporarily stored at earmarked places and used for land reclamation and plantation. The over burden OB generated during the mining operations shall be stacked at earmarked dump sites only. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface runoff. At critical points, use of geotextile shall be undertaken for stabilization of the dump. Protective wall or gabions should be made around the dump to prevent erosion / flow of sediments during rains. The entire excavated area shall be backfilled.	The top soil will be stored at earmarked area only and there is no overburden will be generated.
20	LAND RECLAMATION	Activities should not result in invasion of site by exotic and alien plant and animal species and disturb the native biodiversity and soil micro flora and fauna.	Condition noted and same will be complied.
21	NOISE MONITORING AND PREVENTION	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines. The activity of the proponent should not affect the biological clock of the villages resulting in stress, sleeping disorders affecting health.	No blasting activities involved during mineral excavation. Only Non-conventional mining methodology adopted. Hence monitoring of peak particle velocity is not applicable.



S.No	Condition Heading	Conditions	Compliance Status
22	LAND RECLAMATION	The proponent should ensure that there is no disturbance to the agriculture plantations, social forestry plantations, waste lands, forests, sanctuary or national parks. There should be no impact on the land, water, soil and biological Environment and other natural resources due to the mining activities.	We will ensure that Mining Activity will not disturb any Agriculture plantations, social forestry plantations waste lands, forests, sanctuary or national parks.
23	GREEN BELT	No trees in the area should be removed and all the trees numbered and protected. In case trees fall within the proposed quarry site the trees may be transplanted in the Greenbelt zone. The proponent shall ensure that the activities in no way result in disturbance to forest and trees in vicinity. The proponent shall ensure that the activity does not disturb the movement of grazing animals and free ranging wildlife. The proponent shall ensure that the activity does not disturb the biodiversity, the flora and fauna in the ecosystem. The proponent shall ensure that the activities do not disturb the resident and migratory birds. The proponent shall ensure that the activities do not disturb the vegetation and wildlife in the adjoining reserve forests and areas around. Also, the activities should not disturb the agro biodiversity, agro farms, green lands and grazing fields of all types. Actions to be taken to promote agroforestry, mixed plants to support biodiversity conservation in the mine restoration effort.	We will ensure that no trees in the lease should be removed and all the trees numbered and protected. We will ensure that mining activity does not disturb the biodiversity, the flora and fauna in the ecosystem.
24	GREEN BELT	The proponent shall ensure that all mitigation measures listed in the EIA/EMP are taken to protect the biodiversity and natural resources in the area	We ensure all mitigation measures listed in the EIA/EMP will be taken to protect the biodiversity and natural resources in the area.
25	LAND RECLAMATION	There should be least disturbance to landscape resulting in land use change, contamination and alteration of soil profiles leading to Climate Change	Required Landscape activities will be followed as per mining plan. Hence, least disturbance is ensured and soil profiles will not be altered.
26	AIR QUALITY MONITORING AND PRESERVATION	Operations should not result in GHG releases and extra power consumption leading to Climate Change.	Non - Conventional mining method will be practiced, using HEMM only. No electricity being used for the mining activities. Annexure - 05
27	AIR QUALITY MONITORING AND PRESERVATION	Mining through operational efficiency, better electrification, energy use, solar usage, use of renewable energy should try to decarbonize the operations.	We ensure the usage of best operational efficiency practices. No electrical energy being used. Only LED bulbs, solar traffic lights will be used.
28	WATER QUALITY MONITORING AND PRESERVATION	Mining should not result in water loss from evaporation, leaks and wastage and should support to improve the ground water.	Quarry pit depth 2.25 m only. Mined pit will be utilized for Rain water harvesting. Annexure - 05
29	WATER QUALITY MONITORING AND PRESERVATION	Mining activity should be flood proof with designs and the drainage, pumping techniques shall ensure climate-proofing and socio-economic wellbeing in the area and vicinity.	Suitable drainage systems will be provided.



S.No	Condition Heading	Conditions	Compliance Status
30	GREEN BELT	The activities should provide nature-based support and solutions for forest protection and wildlife conservation.	Condition noted and will be complied
31	GREEN BELT	The project activities should neither result in forest fires, encroachments nor create forest fragmentation and disruption of forest corridors and alter the geodiversity and geological heritage of the area.	Condition noted and will be complied
32	GREEN BELT	There should be no disturbance to the freshwater flow from the forest impacting the water table and wetlands.	Condition noted and will be complied
33	GREEN BELT	The project proponent should support all activities of the forest department in creating awareness to local communities on forest conservation.	We will support to forest department in creating awareness to local communities on forest conservation.
34	GREEN BELT	The activities should not result in temperature rise due to increased fossil fuels usage disrupting the behaviour of wildlife and flora	We ensure that, there will be no disturbance to wildlife and flora by using fossil fuels.
35	GREEN BELT	The activities should support and recognise the rights and roles of indigenous people and local communities and also support sustainable development.	We will carry out required activities to support for local communitys sustainable development.
36	GREEN BELT	The project activities should support the use of renewables for carbon capture and carbon storage in the project site and forest surrounds	Condition noted.
37	GREEN BELT	The project activities should not result in changes in forest structure, habitats and genetic diversity within forests.	There is no forest situated near to the Quarry Lease Boundary. same mentioned in Mining Plan and approved by Commissioner of geology and Mining, Chennai. Ref Page No – 25 and 26 of Mining Plan. Same attached in Annexure - 04 Therefore, this condition does not arise.
38	GREEN BELT	The proponent shall ensure that in the green belt development more indigenous trees species as suggested in Appendix of SEAC Minutes are planted and that the area is restored and rehabilitated with native trees.	Green belt area developed with more indigenous trees species as suggested in Appendix of SEAC Minutes as mentioned below Annexure - 02 S.No Plant Scientific Name Local Name No of Saplings planted 1 Thespesia populnea Poovarasu 56 2 Pongamia pinnata Pungan 85 3 Terminalia arjuna Neermaruthu 134 Total Numbers of Saplings Afforested 275



S.No	Condition Heading	Conditions	Compliance Status
39	MISCELLANEOUS	The project proponent is responsible for implementing all the provisions of labour laws applicable from time to time to quarrying /Mining operations. The workers on the site should be provided with on-site accommodation or facilities at a suitable boarding place, protective equipment such as ear muffs, helmet, etc.	The workers from nearby the villages will be engaged by providing, safe drinking water, medical health care etc., Workers will be trained on the need to use Personal Protective Equipment to safeguard against possible occupational health issues and also on the safe procedures to be followed to prevent accidents.
40	MISCELLANEOUS	The proponent has to provide insurance protection to the workers and the working hours and wages shall be implemented/enforced as per the Mines Act, 1952 in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.	Insurance protection to the workers will be provided. The working hours and the wages will be implemented / enforced as per the Mines Act, 1952.
41	AIR QUALITY MONITORING AND PRESERVATION	No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a bypass road for the purpose of transportation of the minerals leaving an adequate gap say at least 200 meters so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the Environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control PUC certificate for all the vehicles from authorized pollution testing centres.	Transportation of mineral will not be carried out through villages/habitations. Regular maintenance of roads will be carried out by our own arrangement. No overloading will be done and ensured. Mobile water sprinkling will be done on haul roads, loading areas etc. at frequent intervals to control fugitive dust emissions. All the vehicles entering into the Mine will be checked at the entry point for Pollution Under Control Certificate. We ensure that vehicles without Pollution Under Control Certificate will not be permitted to entry into the mines



S.No	Condition Heading	Conditions	Compliance Status
42	AIR QUALITY MONITORING AND PRESERVATION	The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt- conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.	The Main haulage road within the mine lease will be provided with a water sprinkling arrangement for dust suppression. Other roads within the mine lease will be wetted regularly with mobile water sprinkling system.
43	LAND RECLAMATION	The project proponent shall store/dump the waste generated within the earmarked area of the project site for mine closure as per the approved mining plan.	There is no dump proposal as per Mining Plan. This condition does not apply.
44	CORPORATE ENVIRONMENTAL RESPONSIBILITY	The CER should be fully implemented and fact reflected in the Half-yearly compliance report.	CER will be implemented and half yearly compliance report will be submitted accordingly.
45	CORPORATE ENVIRONMENTAL RESPONSIBILITY	The EMP shall also be implemented in consultation with local self-government institutions and Govt. departments as indicated in SEAC meeting.	All the environmental protection measures and safeguards as recommended in the EMP report will be implemented in consultation with local self-government institutions and SEAC.
46	LAND RECLAMATION	The mining closure plan should strictly adhere to appropriate soil rehabilitation measures to ensure ecological stability of the area. Reclamation/Restoration of the mine site should ensure that the Geotechnical, physical, chemical properties are sustainable that the soil structure composition is build up, during the process of restoration. The proponent shall ensure that the mine closure plan is followed as per the mining plan and the mine restoration should be done with native species, and site restored to near original status. The proponent shall ensure that the area is ecologically restored to conserve the ecosystems and ensure flow of goods and services	Mine closure procedure will be followed as per the approved Mining Plan. The mine restoration will be done with native species, and site restored to near original status at the end of the mine life



S.No	Condition Heading	Conditions	Compliance Status
47	LAND RECLAMATION	A crucial factor for success of reclamation site is to select sustainable species to enable develop a self-sustaining eco system. Species selected should easily establish, grow rapidly, and possess good crown and preferably be native species. Species to be planted in the boundary of project site should be un palatable for cattles/ goats and should have proven capacity to add leaf-litter to soil and decompose. The species planted should be adaptable to the site conditions. Should be preferably pioneer species, deciduous in nature to allow maximum leaf-litter, have deep root system, fix atmospheric nitrogen and improve soil productivity. Species selected should have the ability to tolerate altered pit and toxicity of and site. They should be capable of meeting requirement of local people in regard to fuel fodder and should be able to attract bird, bees and butterflies. The species should be planted in mixed association.	Reclamation procedure will be followed as per the approved Mining Plan. The mine restoration will be done with native species, and site restored to near original status at the end of the mine life.
48	LAND RECLAMATION	Top soil with a mix of beneficial microbes Bacteria/Fungi to be used for reclamation of mine spoils. AM Fungi Arbuscular mycorrhizal fungi, plant growth promoting Rhizo Bacteria and nitrogen fixing bacteria to be utilized. Soil and moisture conservation and water harvesting structures to be used where ever possible for early amelioration and restoration of site. Top soil is most important for successful rehabilitation of mined sites. Topsoil contains majority of seeds and plant propagation, soil microorganism, Organic matter and plant nutrients. Wherever possible the topsoil should be immediately used in the area of the for land form reconstruction, to pre mining conditions	Top soil with a mix of beneficial microbes Bacteria/Fungi being implemented for reclamation of mine spoils. AM Fungi Arbuscular mycorrhizal fungi, plant growth promoting Rhizo Bacteria and nitrogen fixing bacteria will be utilized. Soil and moisture conservation and water harvesting structures will be practiced where ever possible. Topsoil will be immediately used in the area to form reconstruction, to pre mining conditions.
49	LAND RECLAMATION	Over burdens may be analysed and tested for soil characteristics and used in the site for revegetation. Wherever possible seeds, rhizome, bulbs, etc., of pioneering spices should be collected, preserved and used in restoring the site. Native grasses seeds may be used as colonizers and soil binders, to prevent erosion and allow diverse self-sustaining plant communities to establish. Grasses may offer superior tolerance to drought, and climatic stresses	Topsoil thus generated during the mining activity will be utilized for Planation as per the approved mining plan.



S.No	Condition Heading	Conditions	Compliance Status
50	LAND RECLAMATION	Reclamation involves planned topographical reconstruction of site. Care to be taken to minimize erosion and runoff. Topsoil should have necessary physical, chemical, ecological, properties and therefore, should be stored with precautions and utilized for reclamation process. Stocked topsoil should be stabilized using grasses to protect from wind. Seeds of various indigenous and local species may be broadcasted after topsoil and treated overburden are spread. Alkaline soils, acidic soils, Saline soils should be suitably treated/amended using green manure, mulches, farmyard manure to increase organic carbon. The efforts should be taken to landscape and use the land post mining. The EMP and mine closure plan should provide adequate budget for re-establishing the site to pre-mining conditions. Effective steps should be taken for utilization of overburden. Mine waste to be used for backfilling, reclamation, restoration, and rehabilitation of the terrain without affecting the drainage and water regimes. The rate of rehabilitation should be similar to rate of mining. Efforts should be taken to aesthetically improve the mine site. Action taken for restoration of the site should be specifically mentioned in the EC compliances.	Sufficient care will be taken to minimize erosion and runoff. Top soil will be utilized for plantation purpose. Green manure, farmyard manure will be used to increase the organic carbon. The EMP and mine closure plan will be provided adequate budget for re-establishing the site to pre-mining conditions. Ecofriendly mining methods will be practiced.



Kallankurichi Kankar Quarry [4.37 Ha]
Fencing Arrangements in the Kankar Quarry



Kallankurichi Kankar Quarry [4.37 Ha]



Kallankurichi Kankar Quarry [4.37 Ha]

Green Belt Development in the Kankar Quarry

S.No	Plant Scientific Name	Local Name	No of Saplings planted
1	Thespesia populnea	Poovarasu	56
2	Pongamia pinnata	Pungan	85
3	Terminalia arjuna	Neermaruthu	134
Total Numbers of Saplings Afforested			275

S.No	Location	Latitude	Longitude
1	Location-1	11°09' 57.8300"N to 11°09' 56.2900"N	79°05' 46.2100"E to 79°05' 48.6100"E
2	Location-2	11°09' 51.6900"N to 11°09' 56.1000"N	79°05' 44.2700"E to 79°05' 45.3100"E
3	Location-3	11°09' 49.1700"N to 11°09' 48.8800"N	79°05' 45.0100"E to 79°05' 47.4500"E
4	Location-4	11°09' 49.1700"N to 11°09' 48.8800"N	79°05' 45.0100"E to 79°05' 47.4500"E



Kallankurichi Kankar Quarry [4.37 Ha]

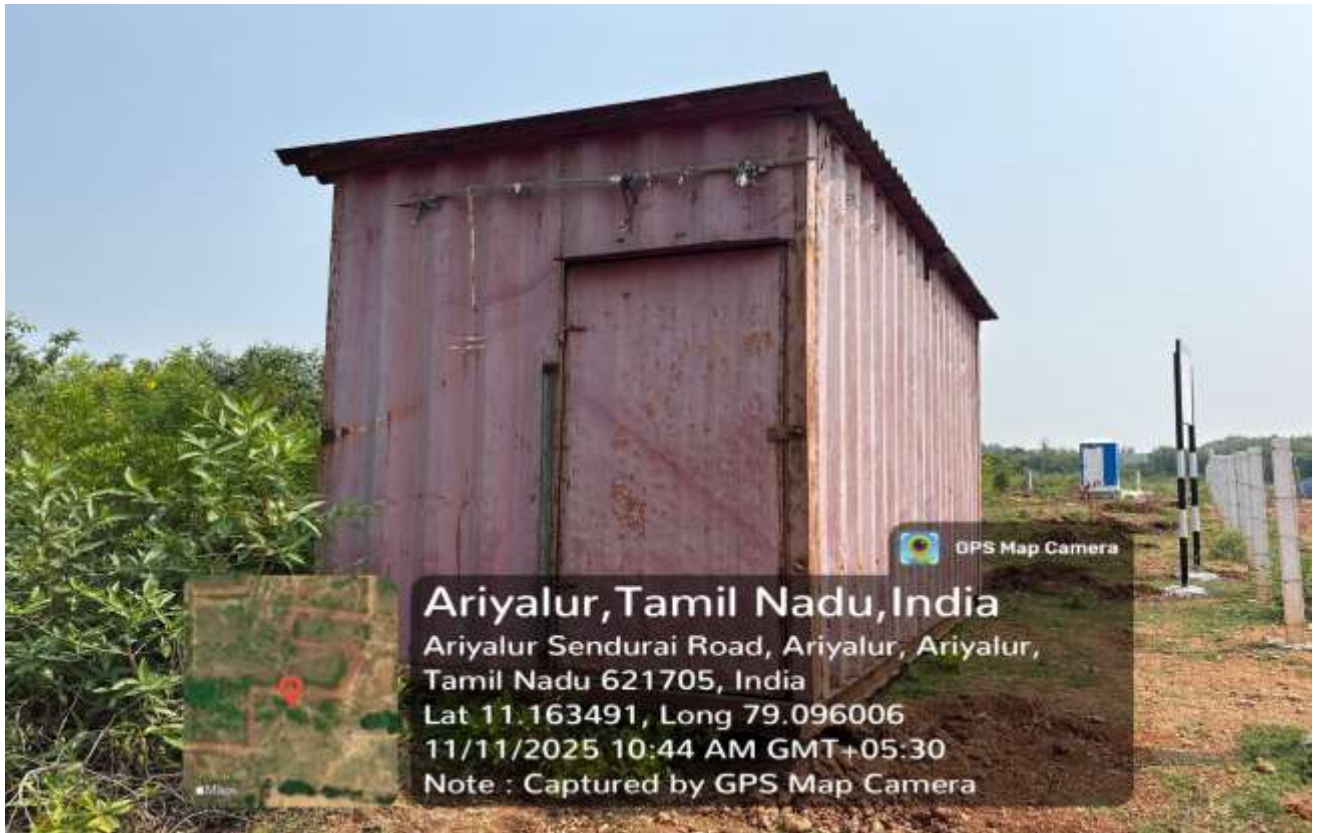
Green Belt Development in the Kankar Quarry



Kallankurichi Kankar Quarry [4.37 Ha]



Kallankurichi Kankar Quarry [4.37 Ha]
Quarry Site Office Arrangement



Kallankurichi Kankar Quarry [4.37 Ha]**Toilet, Septic tank and Dispersion trench arrangements**



MINING PLAN

(Under Rule 41 of Tamil Nadu Minor Mineral Concession Rules, 1959)

FOR

KALLANKURICHI LIMEKANKAR DEPOSIT

(Lr.No.9020/MMC.2/2018-1 dated 12.10.2018)

EXTENT : 4.37.0 Ha

IN

**KALLANKURICHI VILLAGE,
ARIYALUR TALUK & DISTRICT**

(NON-FOREST/PATTA LANDS)



**Chettinad
cement**

M/s. Chettinad Cement Corporation (P) Limited

**Rani Seethai Hall Building,
603, Anna Salai,
Chennai-600 006.**

**MM.Ramesh, B.E(Mining)., MBA
Qualified Person
M: 97888-58245**

**N. Balakannan., M. Sc, M.Phil., Appl.Geology
Qualified Person
M: 98427-69609**



11.0 OTHER PERMENT STRUCTURES:

a) Power lines:

There is a HT Line Passing through the area applied for Quarry lease, As per the Specific condition No (ii) We have maintain a Safety distance of 50 meters The High tension power line passing NW-SE in SF.Nos.241/1B,6A,7and 8has to be shifted 50meters away from the periphery of the Quarrying lease boundary at the applicant company's own expenses before the execution of lease deed.

b) Water bodies:

There is no major river found around the 5Km Radius. As per the Specific condition No.v &vi We have maintain a Safety distance of 50 meters a safety distance of 50 meters shall be provided and maintained to the vari in S.F.No. 240/10situated on the western side of S.F.No.241/3A and to another in S.F.No.228/10 situated on the north-western side of the applied area in S.F.No.241/1A.

In order to safeguard the flow of rain water to the Kanmoi, safety distance of 50 meters should be provided for the vari marked in the FMB for SF No.226/1,2B,2C and 2D

c) Archaeological /Historical Monuments:

There is no important place like archaeological, sanctuaries and monuments etc are found in within 500radius.

d)Road:

As per the Specific condition No.(iv) The applicant company shall provide maintain a safety distance of 10meters to the cart track in SF.No.241/9 passing on the eastern side of the applied area.

The distance of the quarry lease area to the nearest village Sreenivasapuram is situated North east of the area applied for Quarry lease.@1Km A Tar road passing through South to east direction of the area applied for Quarry lease. The company has formed its own black tar road for a lenth of 10Km from the existing kankar mines to in our Ariyalur crushing plant and the same will be extended to this lease too for transport of lime kankar.

e) Reserve Forest/Social Forest/Wild life sanctuaries etc



Kallankurichi Lime Kankar Quarry Lease (4.378 Ha)

Mining Plan

There is no reserve forest and wild life sanctuaries nearby to the area applied for Quarry lease.

Kallankurichi Kankar Quarry [4.37 Ha]
Mine working pit in the Kankar Quarry



Kallankurichi Kankar Quarry [4.37 Ha]

Mineral Transportation



Kallankurichi Kankar Quarry [4.37 Ha]
Display Board Arrangements in the Kankar Quarry

