

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

Proposal No	SIA/TN/MIN/181019/2020
Compliance ID	129107968
Compliance Number(For Tracking)	EC/M/COMPLIANCE/129107968/2025
Reporting Year	2025
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	28-11-2025
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.



CCCPL/TN/SEN /EC Compliance/Apr'25-Sep'25/25-26/

28.11.2025

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 & Compliance Report (Apr'25 – Sep'25)
– Chettinad Cement Corporation Private Limited – Sendurai Limestone Mine
(21.925 ha) at Sendurai Village, Sendurai Taluk, Ariyalur District, Tamilnadu

Ref: Environmental Clearance granted by SEIAA, Tamilnadu vide Letter No:
SEIAA/TN/F-605/EC/1 (a)/1563/2012 dated 27th Oct 2014

We herewith enclose the Six Monthly Environmental Clearance Compliance &
Environmental Monitoring reports, as detailed below, for the Sendurai Limestone Mine
(21.925 ha) located at Sendurai Village, Sendurai Taluk, Ariyalur District, Tamilnadu for
the period from Apr'25 – Sep'25.

Environmental Monitoring Report comprising of

- | | | | |
|---|---|---|------------|
| 1 | Consolidated Report of Ambient Air Quality Monitoring | - | Annexure 1 |
| 2 | Consolidated Report -Noise Level Monitoring | - | Annexure 2 |
| 3 | Consolidated Report -Ground Water Quality Monitoring | - | Annexure 3 |
| 4 | Environment & Safety Management Cell Committee | - | Annexure 4 |
| 5 | Photos of Green Belt Development | - | Annexure 5 |
| 6 | Photos of Garland drain & Siltation Pond | - | Annexure 6 |
| 7 | Photos of Rain water collecting in Mine Pit | - | Annexure 7 |
| 8 | Photos of Water Sprinkling | - | Annexure 8 |
| 9 | Photos of CSR Activities | - | Annexure 9 |

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



- | | | | |
|----|---|---|-------------|
| 10 | Photos of Plantation on OB Backfilling | - | Annexure 10 |
| 11 | Photos of mineral transportation | - | Annexure 11 |
| 12 | Photos of PPE | - | Annexure 12 |
| 13 | Photos of Monitoring Water Quality | - | Annexure 13 |
| 14 | Photos of Piezometer | - | Annexure 14 |
| 15 | Photos of AAQ Monitoring by External agency | - | Annexure 15 |
| 16 | Report of TNPCB AAQ survey | - | Annexure 16 |
| 17 | Photos of Ban Plastic Awareness | - | Annexure 17 |
| 18 | Report of Environment Statement Form- V | - | Annexure-18 |

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, Bangalore
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**2025****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

Proposal Name	Environmental Clearance for the Proposed Sendurai Lime Stone Mines located S.F. No. 110/1A, etc, Sendurai Village Sendurai Taluk, Ariyalur District, Tamil Nadu. Mining of Limestone and Marl over an extent of 21.925 Hectares (0.231 MTPA Limestone and 0.099MTPA Marl)		
Name of Entity / Corporate Office	Chettinad Cement Corporation Private Limited		
Village(s)	N/A		
District	Ariyalur		
Proposal No.	SIA/TN/MIN/181019/2020	Category	Non-Coal Mining
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	TAMIL NADU	Entity's PAN	*****3130A
MoEF File No.	Lr. No.SEIAA-TN/F.No.60S/EC/1(a)/1563/2012/dt. 27	Entity name as per PAN	CHETTINAD CEMENT CORPORATION PRIVATE LIMITED

Compliance Reporting Details

Reporting Year	2025
Remarks (if any)	EC compliance report for the period from April 2025 to Sep 2025
Reporting Period	01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office Chettinad Cement Corporation Private Limited

	Project Area as per EC Granted	Actual Project Area in Possession
Private	21.925	21.925
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	21.925	21.925

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Limestone and Marl	Million Tons per Annum (MTPA)	31/03/2025	0.33	0.0202407	0.33

Conditions

General Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	An Environmental Cell comprising of at least one expert in environmental science / engineering, occupational health and social scientist, shall be created preferably at the project site itself and shall be ensured that the Head of the Cell shall Directly report to the head of the organization who would be accountable for implementation of environmental regulations and social impact improvement/mitigation measures.

<p>PPs Submission: Complied</p> <p>A separate Environmental Cell was formed to address EHS function and the Head of the Cell is being directly reporting to the Head of the Organization for complying with environmental regulations and implementing pollution control measures. EMC team is enclosed as Annexure-4</p>	<p>Date: 27/11/2025</p>
--	-----------------------------

2	GREENBELT	Plantation shall be raised including a 7.5 m wide greenbelt in the safety zone around the mining lease, OB dump(s) along the roads, etc. by planting the native species in consultation with the local DFO/Agriculture Department. In addition, plantation shall also be raised in the backfilled and reclaimed area and around water body. The density of the tree 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.
---	-----------	--

<p>PPs Submission: Complied</p> <p>The greenbelt development was carried out in the 7.5 m safety zone along the boundary of Mining Lease Area, along the roads, etc. by planting the native species in consultation with the local DFO/Agriculture Department. For the stabilization of the over burden, the slopes terraced with grass, legumes etc., The plantations were raised in the back filled and reclaimed area. The density of the trees around 2000 plants per ha. 1050 saplings were planted during Apr 2025-Sep 2025. Greenbelt Development Details ML Area : 21.925 ha. Greenbelt Area During this year: 0.50 ha Saplings planted so far : 18470 Nos Extent of existing greenbelt area: 9.29 ha Tree Density : 2000 /ha Variety of Saplings Planted 1. Pungan 2. Neem 3. Pelta 4. Pouvarasu 5. Illupai 6. Teak Greenbelt Development Plan Greenbelt development is being carried out progressively. Herbs and shrubs are being developed. (Annexure -5)</p>	<p>Date: 27/11/2025</p>
--	-----------------------------

3	Statutory compliance	The Regional Office of the MoEF located at Chennai shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
---	----------------------	---

<p>PPs Submission: Agreed to Comply</p> <p>Full cooperation to the officer (s) of the Regional Office of MoEF CC, Chennai will be extended by furnishing the requisite data / information / monitoring reports.</p>	<p>Date: 27/11/2025</p>
--	-----------------------------

4	Statutory compliance	he project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as
---	----------------------	--

		by e-mail) to the SEIAA, TN the Regional Office of the MoEF, Chennai, the respective Zonal Office of Central Pollution Control Board and the Tamilnadu Pollution Control Board.
<p>PPs Submission: Complied The six monthly reports on the status of compliance of the stipulated environmental clearance conditions is being submitted to the SEIAA, TN, the Regional Office of the Ministry of Environment and Forests, Chennai, the Zonal Office of Central Pollution Control Board, Bengaluru and the Tamilnadu Pollution Control Board periodically.</p>		Date: 27/11/2025
5	Statutory compliance	The proponent shall upload the status of compliance of the 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 Ministry of Environment and Forests, Chennai, the respective Zonal Officer of Central Pollution Control Board and the Tamilnadu Pollution Control Board.
<p>PPs Submission: Complied The status of compliance of the environmental clearance conditions is being uploaded in the company website. The same is simultaneously sent to Regional Office, MoEF CC, Zonal Office of CPCB and TNPCB.</p>		Date: 27/11/2025
6	Statutory compliance	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 installing 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 SEIAA, TN and the Regional Office of the MoEF, 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.
<p>PPs Submission: Complied The regular monitoring of ground water quality is established on quarterly basis with a network of existing wells and piezometers bore wells. The periodic monitoring, four times in a year, once in each season is being carried out through NABL accredited laboratory viz., SMS Labs in consultation with State Ground Water Board/Central Ground Water Authority and the data collected regularly is being submitted to the SEIAA, TN and the Regional Office of the MoEF CC, Chennai, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. (Annexure 13) At present, the mining activity has not intersected ground water table.</p>		Date: 27/11/2025
7	WATER QUALITY MONITORING AND PRESERVATION	Depth of water table of the wells located inside the mining area and wells located around the monitoring area shall be monitored regularly.
<p>PPs Submission: Complied There are no bore wells/open wells inside the ML Area. Further there is no extraction of ground water. At present, the mining activity has not intersected ground water table. Piezometers are installed to monitor ground water table. Periodical monitoring of surface and ground water are being carried out through NABL accredited laboratory viz., SMS Labs and as per the report, the values are within limit. The reports are being submitted once in 6 months to MoEF CC, and RO, Chennai. (Annexure 14)</p>		Date: 27/11/2025
8	WATER QUALITY MONITORING AND PRESERVATION	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 the MoEF, Chennai and SEIAA, TN.
<p>PPs Submission: Complied</p> <p>Regular monitoring of well water levels and water quality of the wells in the locations furnished in the EIA report ensured during pre-monsoon and post monsoon period through NABL accredited laboratory viz., SMS Labs and the data collected regularly submitted to the Regional Office of the MoEF CC , Chennai and SEIAA, TN. (Annexure 13)</p>		<p>Date: 27/11/2025</p>
9	Human Health Environment	Regular monitoring of free Silica in the dust will be carried out and records maintained. It shall be ensured that the levels of silica do not exceed the prescribed limit. The workers will be provided with personal protective measures to guard against inhaling silica dust.
<p>PPs Submission: Complied</p> <p>Regular monitoring of free Silica in the dust is being carried out through NABL accredited laboratory viz., SMS Labs and the records are maintained and as per the report, the values are within limit. The workers are provided with personal protective equipment to guard against inhaling silica dust.</p>		<p>Date: 27/11/2025</p>
10	Human Health Environment	Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For this purpose, schedule of health examination of the workers should be drawn and followed accordingly.
<p>PPs Submission: Complied</p> <p>Pre-Placement and periodical Medical Examinations are being carried out and records are being maintained. Schedule of Health Examination for the Workers were drawn and followed accordingly.</p>		<p>Date: 27/11/2025</p>
11	AIR QUALITY MONITORING AND PRESERVATION	The critical parameters such as RSPM (PM 25, PM 10) and Nox 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. The Circular No. J-20012/1/2006-IA.II(M) dated 27.05.2009 issued by Ministry of Environment and Forests, Govt. of India, New Delhi which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.
<p>PPs Submission: Complied</p> <p>During mining operations, the periodical parameters such as PM2.5, PM10 and NOx in the ambient air within the impact zone, peak particle velocity at 300m distance and quality of discharged water were monitored (TDS, DO, PH and Total Suspended Solids (TSS)). monitored periodically through NABL accredited laboratory viz., SMS Labs and as per the report, the values are within limit. The reports are being submitted once in 6 months to RO, MoEF CC, Chennai and SEIAA, Chennai. (Annexure 15) The domestic effluent generated is being treated in septic tank, followed by dispersion trench. There is no generation of effluent from mining. The monitored data uploaded on the website of the company as well as displayed on a display board at the project site near the main gate of the company in public domain.</p>		<p>Date: 27/11/2025</p>
12	AIR QUALITY MONITORING AND PRESERVATION	The proponent shall conduct Ambient Air Quality Monitoring Survey once in 6 months in the location furnished in the Environmental Impact Assessment Report and furnish the report to the Regional Office of the MoEF, Chennai and SEIAA, TN.

<p>PPs Submission: Complied Ambient Air Quality Monitoring conducted by TNPCB is enclosed as (Annexure-16) As per the report, the values are within limit.</p>		<p>Date: 27/11/2025</p>
13	Statutory compliance	<p>The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the TNPCB and may also be seen at website of the SEIAA,TN at http://seiaa.tn.gov.in and a copy of the same should be forwarded to the Regional Office of the MoEF located at Chennai.</p>
<p>PPs Submission: Complied Advertised in English (New Indian Express) and in Tamil (Dinamani) on 08.11.2014. The advertisement was made within 7 days from the date of receipt of the clearance. The copies of advertisement were submitted to the Regional Office of the MoEF CC, Chennai.</p>		<p>Date: 27/11/2025</p>
14	Statutory compliance	<p>A copy of the clearance letter shall be sent by the proponent to concerned panchayat, Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put in the website of the Company by the proponent.</p>
<p>PPs Submission: Complied A copy of the Environmental Clearance letter was sent to Sendurai Panchayat on 10.11.2014. The EC letter had been uploaded in the company website (https://www.chettinad.com/cementplants.php?siteAriyalur)</p>		<p>Date: 27/11/2025</p>
15	Statutory compliance	<p>Consent to Establish shall be obtained from the Tamil Nadu Pollution Control Board (TNPCB) before start of establishment of the project and also before commencement of production.</p>
<p>PPs Submission: Complied Consent for Establishment and Consent for Operation had been obtained from TNPCB on 21stApr15 and 25th May17. Production was commenced on 19.08.2017. Further the CTO has been renewed upto 31.03.2026.</p>		<p>Date: 27/11/2025</p>
16	Statutory compliance	<p>Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. Copy of action plan may be submitted to the SEIAA,TN and the Regional Office of the MoEF at Chennai within 3 months.</p>
<p>PPs Submission: Complied Flora and fauna found within the study area, the need to prepare and implement the conservation plan is not envisaged.As there are no rare, endemic and endangered</p>		<p>Date: 27/11/2025</p>
17	Statutory compliance	<p>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.</p>

<p>PPs Submission: Complied The copies of Corporate Environmental Policy (CEP) and the salient features of the CEP were submitted to MoEF CC, Delhi and the Regional Office of the MoEF CC, Chennai. We also have IMS system (Integrated Management System) in which Quality, Energy, Environment, and Occupational Health and Safety System were covered.</p>		<p>Date: 27/11/2025</p>
18	Statutory compliance	The project authorities should inform to the Regional Office of the MoEF located at Chennai regarding date of financial closures, the final approval of the project by the concerned authorities and the date of start of land development work.
<p>PPs Submission: Complied The entire fund required was met from the companys own, internally accrued funds. Hence, the requirement of informing the date of financial closure and the approval of the project to the Regional Office of the MoEF CC, Chennai does not arise. The land development work commenced on 05th Apr 2017.</p>		<p>Date: 27/11/2025</p>
19	Statutory compliance	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 clearance conditions and shall also be sent to the respective Regional Officer of the Ministry of Environment and Forests, Chennai by e-mail.
<p>PPs Submission: Complied The environmental statement for year ending 31st March 2025 in Form V submitted on 12.09.2025 to the Tamilnadu Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently. (Annexure -18) The same will be put on the website of the company and will also be sent to the respective Regional Officer of the Ministry of Environment, Forest and Climate Change, Chennai by e-mail. The status of compliance of Environmental Clearance conditions is being uploaded on the company website.</p>		<p>Date: 27/11/2025</p>
20	MINING PLAN	No change in mining technology and scope of working should be made without prior approval of the SEIAA, TN.
<p>PPs Submission: Agreed to Comply No change in mining technology and scope of working will be made without approval of the SEIAA, TN.</p>		<p>Date: 27/11/2025</p>
21	MINING PLAN	No change in the calendar plan including excavation, quantum of mineral limestone and waste should be made.
<p>PPs Submission: Agreed to Comply No change in the calendar plan including excavation, quantum of mineral Limestone and waste will be made.</p>		<p>Date: 27/11/2025</p>
22	Statutory compliance	The environmental clearance does not absolve the Applicant/proponent of his obligation/ requirement to obtain other statutory and other administrative clearance from the concerned statutory and administrative authorities.
<p>PPs Submission: Agreed to Comply The condition is noted and assured to abide by this condition.</p>		<p>Date: 27/11/2025</p>
23	Statutory compliance	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.
PPs Submission: Agreed to Comply The condition is noted and assured to abide by this condition.		Date: 27/11/2025
24	Statutory compliance	The SEIAA, TN reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.
PPs Submission: Agreed to Comply The condition is noted and assured to abide by this condition.		Date: 27/11/2025
25	MINING PLAN	The optimum charge for blasting shall be determined based on vibration study. Blasting operation shall be carried out only during the day time. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
PPs Submission: Complied No blasting is being practiced.		Date: 27/11/2025
26	MINING PLAN	The ground vibration generated by blasting during mining operation shall be within the standards prescribed by DGMS for controlled blasting.
PPs Submission: Complied No blasting is being practiced.		Date: 27/11/2025
27	MINING PLAN	Ground vibration shall be periodically monitored during blasting using a Minimate Seismograph.
PPs Submission: Complied No blasting is being practiced.		Date: 27/11/2025
28	MINING PLAN	The impacts shall be minimized by choosing proper detonating system, optimizing total charge and charge/delay, use of Non-electric system of blasting etc.
PPs Submission: Complied No blasting is being practiced.		Date: 27/11/2025
29	MINING PLAN	Mine working shall be restricted up to 15.5 m below ground level as per the mine plan period.
PPs Submission: Complied Mine working is restricted up to 15.5 m below ground level as per the approved Mining Plan.		Date: 27/11/2025
30	WATER QUALITY MONITORING AND PRESERVATION	The mine working should not intersect ground water table during the mine plan period. For working below water table, necessary prior permission shall be obtained from MoEF for which clearance from CGWA for pumping of ground water and detailed hydro-geological study will be a pre-requisite.
PPs Submission: Complied No intersection of below ground water table during the Mine Plan Period. If there is a need to work		Date: 27/11/2025

below the water table, necessary prior permission will be obtained from MoEFCC, Water Resources Department, Tamilnadu.		
31	LAND RECLAMATION	The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The top soil shall be used for land reclamation and plantation.
PPs Submission: Complied The top soil is being stored at earmarked site only and the same is being used for plantation.		Date: 27/11/2025
32	LAND RECLAMATION	The over burden (OB) generated during the mining operation shall be stacked at earmarked dump site (s) only and it should not be kept active for a long period of time and their phase-wise stabilization shall be carried out. Proper terracing of OB dump(s) shall be carried out. The over burden dump(s) shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dumps. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining, Compliance status should be submitted to the SEIAA, TN and the Regional Office of the Ministry of Environment and Forest (MoEF), Chennai on six monthly basis.
PPs Submission: Complied The over burden (OB) generated during the mining operation concurrently used for backfilling. Further this backfilled area reclaimed by afforestation. (Annexure 10) Compliance status were submitted to the SEIAA, TN and the Regional Office of the Ministry of Environment, Forest and Climate Change (MoEF CC), Chennai on six monthly basis.		Date: 27/11/2025
33	WATER QUALITY MONITORING AND PRESERVATION	The loose solids should be kept separately from flowing water and flow of effluents to nearby areas outside the leasehold shall be prevented. These paved drains along with arrangements for overburden dumps and their drainage may be clearly depicted on a contour map of the mining area.
PPs Submission: Complied Garland drains/trenches and siltation sump had been provided to ensure that solid particles are separated from the water flow. (Annexure 6) The domestic effluent generated is being treated in septic tank, followed by dispersion trench. No generation of effluent from mining activities. The garland drains around the temporarily stocked over burden dumps are clearly depicted on the contour map of the Mining Lease.		Date: 27/11/2025
34	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall ensure that no natural watercourse and/or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the 1st and 2nd order streams, emanating or passing through the mine lease during the course of mining operation.
PPs Submission: Complied No natural watercourse and water resources were obstructed due to any of the mining operations. No water streams are emanating or passing through the ML Area.		Date: 27/11/2025
35	WATER QUALITY MONITORING AND PRESERVATION	Appropriate measures shall be taken for treatment of the upper catchment of the mine lease area.
PPs Submission: Complied Garland drains/trenches and siltation sump have been provided to ensure that solid particles are separated from the water flow. (Annexure 6)		Date: 27/11/2025

36	WATER QUALITY MONITORING AND PRESERVATION	Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as around crushing and screening plant, loading and unloading point and all transfer points.
PPs Submission: Complied Regular water sprinkling is being carried out in areas prone to air pollution such as mining area, loading and unloading areas, topsoil and over burden unloading areas, haul roads within the Mining Lease Area etc., (Annexure 8) No crusher, screening plant, or conveyors and transfer points are present within the Mining Lease Area.		Date: 27/11/2025
37	AIR QUALITY MONITORING AND PRESERVATION	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 area shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
PPs Submission: Complied The vehicles entering in the mine are checked at the entrance for Pollution under control Certificate. Proper maintenance of vehicles are being carried out in the mining operations and in transportation of mineral within the lease area. Vehicles transporting limestone from mines to factory are being covered with tarpaulin properly so as to arrest the dust particles/fine matters escaping during the course of transportation. No overloading is being done. (Annexure 11)		Date: 27/11/2025
38	AIR QUALITY MONITORING AND PRESERVATION	Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
PPs Submission: Complied Regular water sprinkling at frequent interval is being carried out on haul roads. Annexure 8		Date: 27/11/2025
39	AIR QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied Fugitive dust emissions from all the sources are regularly being controlled. Water spraying is being done on haul roads, loading and unloading points. The water sprinkling arrangement is being maintained well to ensure its effectiveness.		Date: 27/11/2025
40	WATER QUALITY MONITORING AND PRESERVATION	Industrial waste water (workshop and waste water from mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.
PPs Submission: Complied No generation of industrial effluent from mining operation. No workshop within ML Area. Hence, treatment system is not envisaged.		Date: 27/11/2025
41	Human Health Environment	Personnel working in dusty areas should wear protective respiratory devices and they should also provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

<p>PPs Submission: Complied</p> <p>Personal Protective Equipments (PPE) are being issued to the Mines Personnel and the usage of the same by them is also being ensured. (Annexure 12) Adequate training and information on safety and health aspects are being given to the Personnel working in the Mine. Occupational health surveillance program of the workers were undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.</p>		<p>Date: 27/11/2025</p>
42	Human Health Environment	Regular medical check-up for mine workers and nearby residents around the project site involving community medical centre / NIMH shall be conducted.
<p>PPs Submission: Complied</p> <p>Regular medical check-up for Mine Workers and nearby Community around the mines were conducted and records were maintained.</p>		<p>Date: 27/11/2025</p>
43	Human Health Environment	The company shall stress upon the preventive aspects of occupational health.
<p>PPs Submission: Complied</p> <p>OHS training is given to create awareness on occupational health and follow the precautions to prevent incidences and records are maintained</p>		<p>Date: 27/11/2025</p>
44	PUBLIC HEARING	he project proponent shall undertake all the commitments made during the public hearing and effectively address the concerns raised by the locals in the public hearing as well as during consideration of the project, while implementing the project.
<p>PPs Submission: Complied</p> <p>The commitments made during the public hearing to address the concerns raised by the locals in the public hearing as well as during consideration of the project are being implemented.</p>		<p>Date: 27/11/2025</p>
45	Statutory compliance	Regular monitoring of water quality upstream and downstream of perennial nallahs falling in the impact zone shall be carried out and record of monitoring data should be maintained and submitted to SEIAA, TN, the Regional Office of the MoEF, Chennai, Central Groundwater Authority, Regional Director, Central Ground Water Board, Tamilnadu Pollution Control Board and Central Pollution Control Board
<p>PPs Submission: Complied</p> <p>No perennial nallahs are falling in the impact zone. Hence, monitoring of water quality upstream and downstream is not envisaged</p>		<p>Date: 27/11/2025</p>
46	LAND RECLAMATION	Garland drains, catch drains, check dams and siltation ponds of appropriate size shall be constructed for the working pit, temporary OB and mineral dumps to prevent runoff water and flow of silt / sediments. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly de silted particularly after the monsoon and maintained properly.
<p>PPs Submission: Complied</p> <p>Garland drains and catch drains (size:120mx1.5mx1.5m) had been constructed for the working pit and OB dump to prevent runoff water and flow of silt/sediments. The rain water is being diverted to the siltation sump. After settling, the collected rainwater is being utilized for watering the Mine Area, Roads, Green belt etc. The drains are being regularly desilted after every monsoon and maintained properly. (Annexure 6)</p>		<p>Date: 27/11/2025</p>
47	LAND RECLAMATION	Dimension of the retaining wall at the toe of the OB dump(s) and the OB benches within the mine to check run-off and siltation

		should be based on the rain fall data.
<p>PPs Submission: Complied A bund has been provided all around the OB dump. Garland drains and siltation sumps are being provided to arrest the flow of sediments. After settling, the collected rain water is being utilized for watering the Mine Area, Roads, Greenbelt etc.,</p>		<p>Date: 27/11/2025</p>
48	WATER QUALITY MONITORING AND PRESERVATION	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, Central Ground Water Board.
<p>PPs Submission: Complied The rainwater collected in the sump at the bottom most bench of the Mine Pit, which helps to augment ground water resources in the area. (Annexure 7)</p>		<p>Date: 27/11/2025</p>
49	AIR QUALITY MONITORING AND PRESERVATION	The effective safeguard measures shall be provided to control particulate dust level in critical areas, transfer points and the haul road within the mine area.
<p>PPs Submission: Complied Water sprinkling is being done on haul roads, loading areas etc. at frequent intervals to control fugitive dust emission. (Annexure 8)</p>		<p>Date: 27/11/2025</p>
50	AIR QUALITY MONITORING AND PRESERVATION	Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas, including all the transfer points, shall also have efficient dust control arrangements. These shall be properly maintained and operated.
<p>PPs Submission: Complied The activities viz., mineral handling, loading and unloading are envisaged during mining operation. While carrying out mining operations, water sprinkling arrangements are being provided at frequent intervals to suppress the dust at mineral handling area and loading and unloading areas.</p>		<p>Date: 27/11/2025</p>
51	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of ground water, required for the project.
<p>PPs Submission: Complied At present, the mining activity has not intersected the ground water table. Hence, NOC from Water Resource Department, Tamilnadu is not applicable at this stage.</p>		<p>Date: 27/11/2025</p>
52	MISCELLANEOUS	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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
<p>PPs Submission: Complied Local labourers were engaged to construct Office Room, Toilet and Septic Tank for the Mine employees. Hence, housing provision is not envisaged. However safe drinking water and health care were ensured for the labourers.</p>		<p>Date: 27/11/2025</p>
53	Corporate Environmental Responsibility	As proposed, Rs.5 lakhs/annum and Rs.3 lakhs shall be earmarked towards total capital cost and recurring cost/annum for environmental pollution control measures and judiciously used to implement the condition stipulated by the SEIAA, TN as well as the State Government. A time bound implementation schedule shall be

		submitted to the SEIAA, TN and the regional Office of the MoEF at Chennai to implement all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose
<p>PPs Submission: Complied Rs.5 lakhs/annum and Rs.3 lakhs have been earmarked towards total capital cost and recurring cost/annum respectively for implementing environmental pollution control measures stipulated by the SEIAA, TN as well as the State Government,. The funds so provided will not be diverted for any other purpose. The pollution control measures viz., water sprinkling, greenbelt development etc., are being ensured. The greenbelt development is also being ensured.</p>		Date: 27/11/2025
54	Corporate Environmental Responsibility	For proper and periodic monitoring of CSR activities, a CSR committee or a Social Audit committee or a suitable credible external agency shall be appointed, CSR activities shall also be evaluated by an independent external agency. This evaluation shall be both concurrent and final.
<p>PPs Submission: Complied CSR Committee was formed, which includes Local Panchayat Chairman, Villagers and Company Representatives. CSR activities are being periodically carried out.</p>		Date: 27/11/2025
55	MINING PLAN	Open-cast fully mechanized mining method shall be adopted as reported for the mining of Limestone.
<p>PPs Submission: Complied Open-cast, fully mechanized mining method is being adopted for mining of Limestone.</p>		Date: 27/11/2025
56	AIR QUALITY MONITORING AND PRESERVATION	Drills shall either be operated with dust extractors or equipped with water injunction system.
<p>PPs Submission: Complied Non- conventional mining method is being adopted. No drilling and blasting are involved</p>		Date: 27/11/2025
57	MINING PLAN	Controlled blasting shall be practiced. The mitigative measures for control of ground vibration and to arrest fly rocks and boulders should be implemented.
<p>PPs Submission: Complied No drilling and blasting activities are involved.</p>		Date: 27/11/2025
58	MINING PLAN	Blasting shall be carried out using optimum burden, charge and milli-second delay detonators.
<p>PPs Submission: Complied No blasting is being practiced.</p>		Date: 27/11/2025
59	AIR QUALITY MONITORING AND PRESERVATION	At least four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (PM2.5, PM10) and NOx monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the Tamilnadu Pollution Control Board.
<p>PPs Submission: Complied Ambient Air Quality Monitoring is being conducted at four locations through NABL accredited</p>		Date: 27/11/2025

laboratory viz., SMS Labs and the reports are being submitted once in 6 months to RO, MoEF CC, Chennai and SEIAA, Chennai. As per the report, the values are within limit. (Annexure 15)		
60	AIR QUALITY MONITORING AND PRESERVATION	Data on ambient air quality RSPM (PM 25, PM10) and NOx should be regularly submitted to the SEIAA, TN including the Regional office of the MoEF located at Chennai and the TNPCB / CPCB once in six months.
PPs Submission: Complied Ambient Air Quality Monitoring data were carried out through NABL accredited laboratory viz., SMS Labs are being submitted once in 6 months to MoEF CC, and SEIAA, Chennai. As per the report, the values are within limit.		Date: 27/11/2025
61	AIR QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Complied The Water quality and Air quality in and around the project are being monitored as mentioned in the EIA report.		Date: 27/11/2025
62	PUBLIC HEARING	The project proponent shall take all precautionary measures during mining operation for conservation and protection of scheduled species of flora as well as fauna spotted in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department.
PPs Submission: Complied There is no forest/protected area in the vicinity of ML area. Hence, monitoring of scheduled species of flora and fauna does not arise.		Date: 27/11/2025
63	PUBLIC HEARING	Scheduled species of fauna found in the study area shall be monitored closely and a plan shall be prepared and implemented for their conservation.
PPs Submission: Complied There is no forest/protected area in the vicinity of ML area.		Date: 27/11/2025
64	PUBLIC HEARING	Annual monitoring on Bio-diversity around the project site shall be conducted and a report shall be furnished
PPs Submission: Complied Annual monitoring on Bio-diversity around the project site was conducted and a report was furnished.		Date: 27/11/2025
65	MINING PLAN	A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the SEIAA, TN 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.
PPs Submission: Complied A Final Mine Closure Plan along with details of Corpus Fund will be submitted to the SEIAA, TN, 5 years in advance, prior to the final mine closure for approval. Mine Closure procedure will be followed as per the approved Mining Plan.		Date: 27/11/2025
66	Corporate Environmental Responsibility	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for

		other purpose. Year wise expenditure should be reported to the SEIAA, TN and the Regional Office of the MoEF located at Chennai.
<p>PPs Submission: Complied The funds earmarked for environmental protection measures are being kept in separate account. The expenditures incurred towards the environmental protection measures are reported to SEIAA, TN and Regional office of the MoEF, Chennai.</p>		<p>Date: 27/11/2025</p>
67	Corporate Environmental Responsibility	CSR schemes identified based on need based assessment shall be implemented in consultation with the village Panchayat and the District Administration starting from the development of project itself. As part of CSR prior identification of local employable youth and eventual employment in the project after imparting relevant training shall be also undertaken. Company shall provide separate budget for community development activities and income generating programme.
<p>PPs Submission: Complied CSR schemes identified and assessed based on the needs are being implemented in consultation with the CSR Committee and the District Administration. Technical training to youth in the nearby areas are being given to improve their employment potential. As Mines man power requirement are very limited, the possibility of eventual employment in the project is very less. A separate budget for community development activities are allotted for income generating programmes.</p>		<p>Date: 27/11/2025</p>
68	Corporate Environmental Responsibility	CSR activity shall include providing social and welfare measures for the local residents and 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.
<p>PPs Submission: Complied CSR activities, that are being carried out by the company include providing social and welfare measures for the local residents and nearby villages around the ML Area. The various CSR activities like water supply, sanitation facility, maintenance of village roads, ponds etc. are being taken up in consultation the District Collector and the CSR Committee. Funds earmarked for CSR activity is being kept as a separate account and report on implementation was furnished regularly. (Annexure 9)</p>		<p>Date: 27/11/2025</p>
69	Corporate Environmental Responsibility	The project proponent shall also comply with all environmental protection measures and safeguards proposed in the EIA/EMP report. Further, the Company must undertake socio-economic development activities in the surrounding villages like community development programme, educational programme, drinking water supply and health care, etc.
<p>PPs Submission: Complied All environmental protection measures and safeguards proposed in the EIA/EMP report are being implemented. Also, the socio-economic development activities in the surrounding villages like community development programme, educational programme, drinking water supply, health care activities, etc. are being taken up in consultation the District Collector and the CSR Committee.</p>		<p>Date: 27/11/2025</p>
70	Corporate Environmental Responsibility	The project proponent shall also adequately contribute in the development of the neighboring villages. Special package with implementation schedule for free potable drinking water supply in the nearby villages and schools shall be undertaken in a time bound manner.

PPs Submission: Complied The CSR activities like free potable drinking water supply to the nearby villages and schools are being taken up in consultation the District Collector and the CSR Committee.		Date: 27/11/2025
71	Statutory compliance	All stipulations made by TNPCB and State Government shall be strictly complied with.
PPs Submission: Complied The stipulations made by TNPCB and State Government are being complied with.		Date: 27/11/2025
72	Statutory compliance	The SEIAA, Tamilnadu may alter/ modify the above conditions or stipulate any further condition in the interest of environment protection
PPs Submission: Agreed to Comply The condition is noted and assured to abide by this condition.		Date: 27/11/2025
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		
<p style="color: red; text-align: center;">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.</p>		

Chettinad Cement Corporation Private Limited -Sendurai Limestone Mines

Sendurai Village, Ariyalur District, Tamilnadu State

Ambient Air Quality Monitoring- Consolidated Report (Apr'25 - Sep'25)

S.No	Location	PM ₁₀ (µg/m ³)			PM _{2.5} (µg/m ³)			SO ₂ (µg/m ³)			NO _x (µg/m ³)		
		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1	View Point	61.2	58.1	59.7	29.5	27.5	28.6	11.6	10.4	11.0	23.8	21.6	22.6
2	Loading Area	63.7	57.6	60.0	30.1	26.9	28.2	10.8	9.5	10.2	23.9	20.7	22.3
3	Haul Road	63.1	54.9	59.6	31.7	24.8	28.0	11.8	9.0	10.6	23.5	18.6	21.2
4	Dump Yard	61.3	56.3	58.5	56.3	26.3	33.0	10.5	9.0	9.9	20.9	19.5	20.3
5	Nakkambadi Village	58.3	57.8	58.1	27.5	26.5	27.0	9.2	8.9	9.1	20.6	19.7	20.2
6	Rayampuaram Village	59.4	57.3	58.4	28.3	27.8	28.1	11.4	10.9	11.2	22.9	21.7	22.3
7	Sendurai Village	60.8	59.8	60.3	29.1	28.7	28.9	11.3	10.8	11.1	23.7	22.1	22.9
8	Maruvathur Village	62.3	59.1	60.7	29.7	28.7	29.2	11.3	10.5	10.9	21.4	20.3	20.9
Norms		100 µg/m ³			60 µg/m ³			80 µg/m ³			80 µg/m ³		

for Chettinad Cement Corporation Private Limited



B.Vikram Pyus
Deputy General Manager (Mines)

Chettinad Cement Corporation Private Limited -Sendurai Limestone Mines

Sendurai Village , Ariyalur District, Tamilnadu State

Noise Level Monitoring- Consolidated Report (Apr'25 - Sep'25)

S.No	Location	UoM	Day			Night		
			L _{min}	L _{max}	L _{eq}	L _{min}	L _{max}	L _{eq}
Within the Premises								
1	View Point	dB(A)	57.2	60.4	58.8	46.1	49.4	47.8
2	Loading Area	dB(A)	60.6	63.3	61.9	50.1	52.9	51.5
Limit (L _{eq})		dB(A)	85			85		
S.No	Location	UoM	Day			Night		
			L _{min}	L _{max}	L _{eq}	L _{min}	L _{max}	L _{eq}
Outside the Premises								
1	Sendurai Village	dB(A)	50.9	53.7	52.3	41.9	44.2	43.1
2	Maruvathur Village	dB(A)	50.8	53.9	52.4	41.0	43.4	42.2
Limit (L _{eq})		dB(A)	55			45		

for Chettinad Cement Corporation Private Limited



B.Vikram Pyus
Deputy General Manager (Mines)

Chettinad Cement Corporation Private Limited - Sendurai Limestone Mines

Sendurai Village, Ariyalur District, Tamilnadu

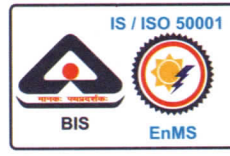
Ground Water Quality Monitoring Report (Apr'25 - Sep'25)

S.No	Parameter	UoM	GW1	GW2	SW1	Limit
1	pH	-	7.28	7.385	7.43	5.5 - 9.0
2	Temperature	Deg C	29.85	30.56	30.225	40
3	Particle size for TSS	-	100%	100%	100%	Shall pass 850 micron IS Sieve
4	TSS	mg/l	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	BLQ(LOQ:2.0)	100
5	TDS	mg/l	576	572.5	473.5	2100
6	Chloride as Cl	mg/l	187	181.5	130	1000
7	Sulphide as S	mg/l	BLQ	BLQ	BLQ	2
8	Sulphate as SO ₄	mg/l	64.5	66.5	61	1000
9	Fluride as F	mg/l	0.2	0.2	0.1	2
10	Sodium	mg/l	38	36.5	39.5	-
11	Copper	mg/l	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	3
12	Zinc as Zn	mg/l	BLQ	BLQ	BLQ	1
13	Phenolic compounds as C ₆ H ₅ OH	mg/l	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	1
14	Oil & Grease	mg/l	BLQ	BLQ	BLQ	10
15	Boron as B	mg/l	BLQ(LOQ:0.025)	BLQ(LOQ:0.025)	BLQ(LOQ:0.025)	2
16	BOD 3 days 27°C	mg/l	BLQ	BLQ	BLQ	30
17	COD	mg/l	BLQ	BLQ	BLQ	250
18	Total Residual Chlorine	mg/l	BLQ	BLQ	BLQ	1
19	Arsenic as As	mg/l	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	0.2
20	Cadmium as Cd	mg/l	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	2
21	Total Chromium as Cr	mg/l	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	2
22	Hexavalant Chromium	mg/l	BLQ	BLQ	BLQ	0.1
23	Lead as Pb	mg/l	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	0.1
24	Selenium as se	mg/l	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	0.05
25	Mercury as Hg	mg/l	BLQ(LOQ:0.0005)	BLQ(LOQ:0.0005)	BLQ(LOQ:0.0005)	0.01
26	Pesticides	mg/l	BLQ	BLQ	BLQ	---
27	Free Ammonia as NH ₃	mg/l	BLQ(LOQ:0.5)	BLQ(LOQ:0.5)	BLQ(LOQ:0.5)	5
28	Dissolved Phosphate as P	mg/l	BLQ	BLQ	BLQ	5
29	Total Kieldahl Nitrogen as N	mg/l	BLQ	BLQ	BLQ	100
30	Cyanide as CN	mg/l	BLQ(LOQ:0.01)	BLQ(LOQ:0.01)	BLQ(LOQ:0.01)	0.2
31	Nickel as Ni	mg/l	BLQ	BLQ	BLQ	3
GW1: Sendurai Village GW 2 : Nakkambadi Village			BLQ: Below Qualification Limit.			
SW1: Mines sump water			BDL:Below Detetion Limit,			

for Chettinad Cement Corporation Private Limited



B. Vikram Pyus
Deputy General Manager (Mines)



Dt.: 22.05.2025

Chettinad Cement Corporation Private Limited, Ariyalur Works
[Cement Plant, Captive Power Plant & Lime Stone Mines]

Internal Circular

Sub: Environment & Safety Management Cell committee

Environment & Safety Management cell members is formed to take care of Environment safe guards measures in the Plant & Lime Stone Mines area. Now, the committee members are revised and listed below.

S.No.	Name of the Executive	Designation
1	Shri. R.P. Muthiah	Chairman & Plant Head
2	Shri. M. Jagadeesan	Vice Chairman & Operation Head
3	Shri. V. Ramesh	Secretary & Environment Head
4	Shri. P.L. Muthukaruppan	Accounts Head
5	Shri. M.A. Rajavel	HR Head
6	Shri. L.V. Senthil Kumar	Electrical Head
7	Shri. N. Senthil Kumar	QUAS Dept.
8	Shri. K. Girisan	CPP Head
9	Shri. P. Kanakaraj	Mech-Post Clinkerisation Head
10	Shri. M. Radhakrishnan	Mech-Pre Clinkerisation Head
11	Shri. J. Meenakshi Sundaram	Civil Head
12	Shri. B. Vikrampyus	Mines Head
13	Shri. P. Dinesh Kumar	Instrumentation Dept.
14	Shri. S. Pitchaimani	Safety Head
15	Shri. M. Raja Chidambaram	Public Relations Officer(PRO)
16	Shri. Dr. J. Sherwin	Medical Officer

Note- Committee will be revised after three years. Changes in the members if any to be replaced with new members within 15 days period.

for Chettinad Cement Corporation Private Limited


R. P. Muthiah
Vice President [Works]

Mail to: Team Members

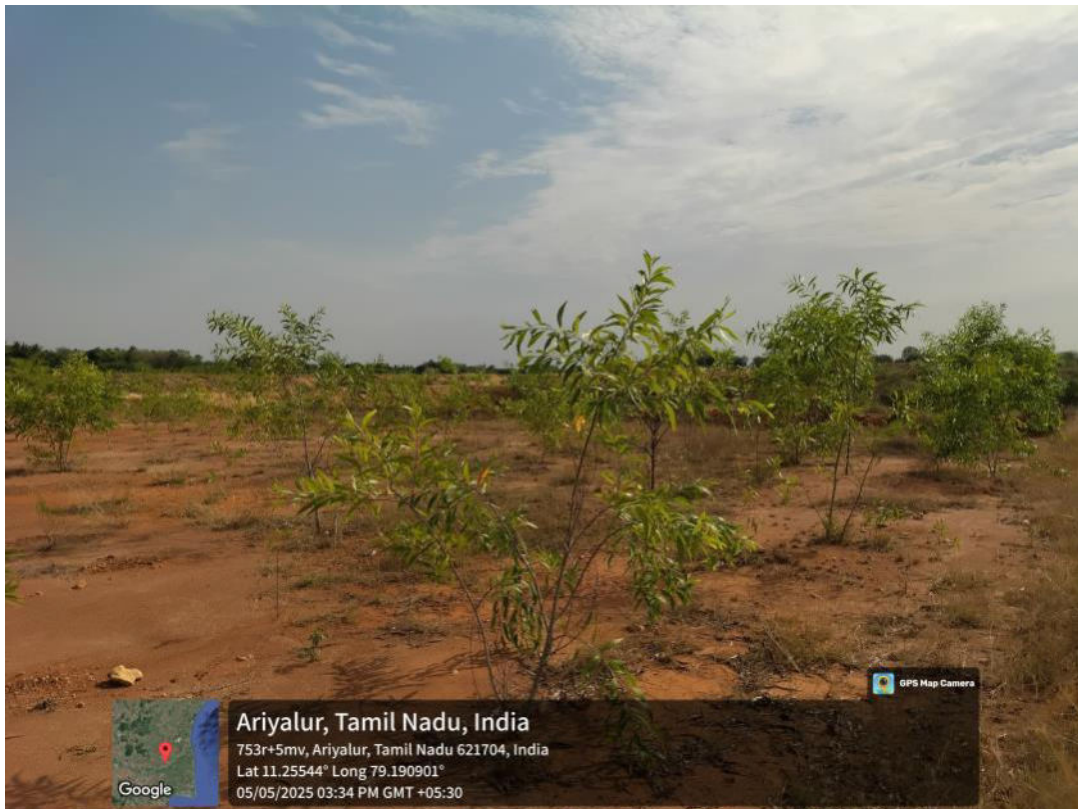
Chettinad Cement Corporation Private Limited.

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

Greenbelt development







GARLAND DRAINAGE & SILTATION POND





RAIN WATER COLLECTING IN MINE PIT



WATER SPRINKLING – SENDURAI LIMESTONE MINES



CSR ACTIVITIES

Chettinad Cement, Ariyalur has donated “RO Water purifying unit” through CSR activity to the Schools of Sendurai Blocks (Rs. 1.00 Lakh)

1. Sendurai
2. Nakkambadi
3. Ninniyur
4. Unjini
5. Adhikudikadu









OB BACKFILLING



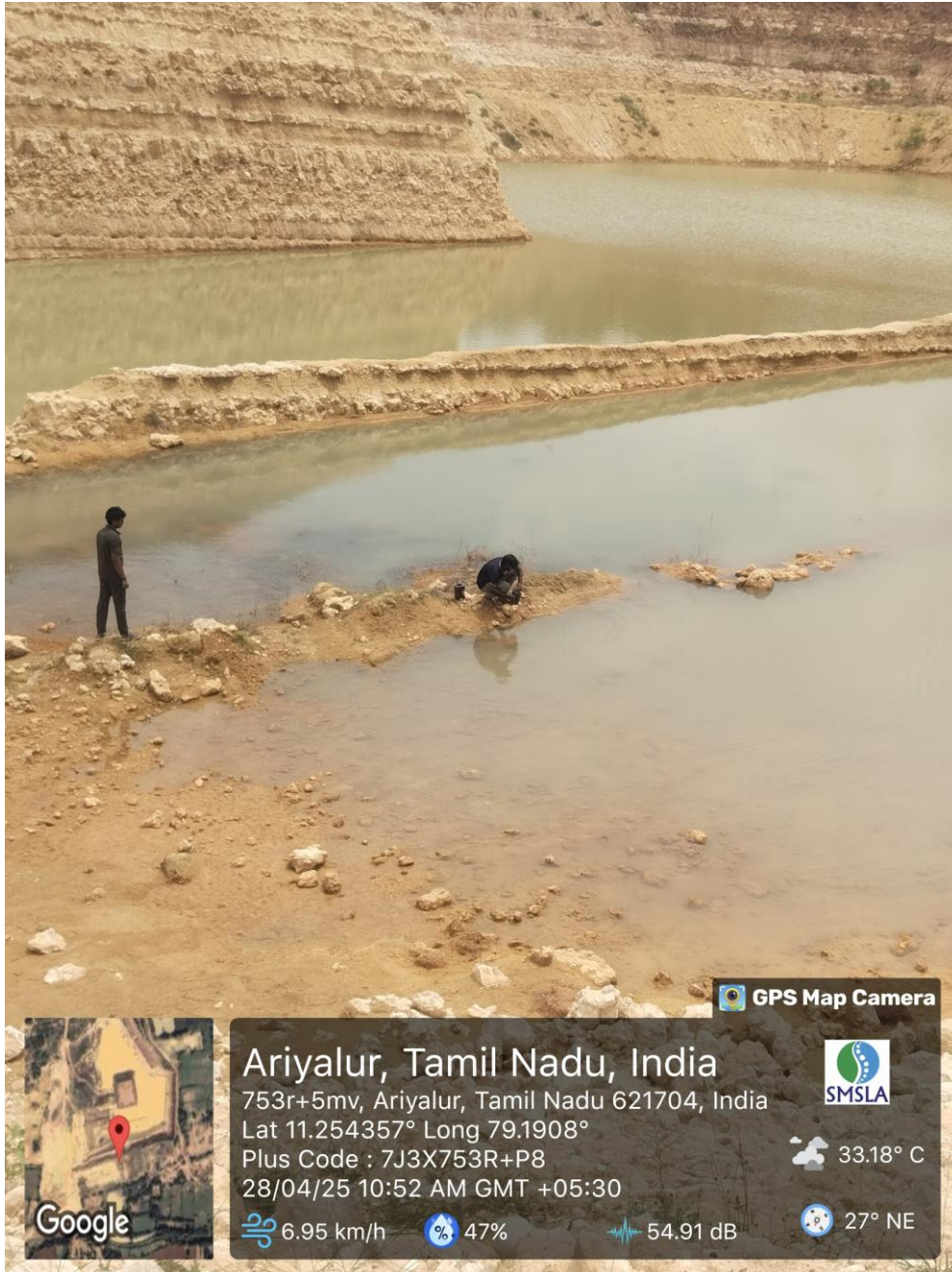
TARPAULIN COVERED TIPPER



USAGE OF PPE's



WATER SAMPLES COLLECTION



Report No : ENQ-250726008-11

Report Date : 31 Jul 2025

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED (Sendurai LS Mines)
Customer Address : Ariyalur Works, Trichy- Ariyalur Road, Keelapalur, Ariyalur Dist-621707.
Sample Name : Water **Sample Quantity** : 5 Ltr+100 mL
Sample Description : Mines Sump Water **Sampling Date** : 24 Jul 2025
Sample Drawn By : Laboratory **Sample Received on** : 26 Jul 2025
Sample Location : Mines Pit Area **Test Started on** : 26 Jul 2025
Sample Procedure : SMSLA/EN/SOP/001, SMSLA/MB/SOP/06 **Test Completed on** : 31 Jul 2025

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Biological				
1	Total Coliforms	IS 15185 - 2016 (Reaffirmed 2021)	Per 100mL	Absent
Chemical				
2	Nitrate as NO ₃	IS 3025 (Part 34) - 1988 (Reaffirmed 2019)	mg/L	17
3	Sodium as Na	IS 3025 (Part 34) - 1993 (Reaffirmed 2019)	mg/L	41
Clause 4, Table 1 Organoleptic And Physical parameters				
4	Colour	IS 3025 (Part 04) - 2021	Hazen	5
5	Odour	IS 3025 (Part 05) - 2018	--	Agreeable
6	pH Value	IS 3025 (Part 11) - 2022	--	7.49
7	Total Dissolved Solids	IS 3025 (Part 16) - 2023	mg/L	519
8	Turbidity	IS 3025 (Part 10) - 2023	NTU	2.1
Clause 4, Table 2 General Parameters Concerning Substances Undesirable In Excessive Amounts				
9	Anionic Detergents (as MBAS)	IS 3025 (Part 68) - 2019	mg/L	BLQ(LOQ:0.05)
10	Boron	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.025)
11	Chloride (as Cl)	IS 3025 (Part 32) - 1988 (Reaffirmed 2019)	mg/L	122
12	Copper	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)
13	Fluoride as F	IS 3025 (Part 60) - 2008 (Reaffirmed 2019)	mg/L	0.2
14	Free Residual Chlorine	IS 3025 (Part 26) - 2021	mg/L	BLQ(LOQ:0.1)


S. Durgabai
 Authorized Signatory-Biological


M. Sarathkumar
 Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai, Tamil Nadu, India

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted.

S.NO	Parameter	Test Method	Unit	Results
15	Iron (as Fe)	IS 3025 (Part 53) - 2024	mg/L	0.56
16	Manganese	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)
17	Mineral Oil	IS 3025 (Part 39) - 2021	mg/L	BLQ(LOQ:1.0)
18	Phenolic Compound (as C ₆ H ₅ OH)	IS 3025 (Part 43) Sec 1 - 2022	mg/L	BLQ(LOQ:0.001)
19	Selenium	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)
20	Sulphate (as SO ₄)	IS 3025 (Part 24)	mg/L	58
21	Total Alkalinity (as CaCO ₃)	IS 3025 (Part 23) - 2023	mg/L	172
22	Total Hardness (as CaCO ₃)	IS 3025 (Part 21) - 2009 (Reaffirmed 2019)	mg/L	156
Clause 4, Table 3 Parameters Concerning Toxic Substances				
23	Arsenic	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)
24	Cadmium	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)
25	Chromium	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)
26	Cyanide (as CN)	IS 3025 (Part 27) - 1986 (Reaffirmed 2019)	mg/L	BLQ(LOQ:0.01)
27	Lead	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)
28	Mercury	EPA 200.8 - 1994	mg/L	BLQ(LOQ:0.0005)
Others				
29	Appearance	APHA 24th Edition:2110-2023	--	Turbid
30	Calcium Hardness (as CaCO ₃)	IS 3025 (Part 40) - 1991 (Reaffirmed 2019)	mg/L	102
31	Conductivity @ 25°C	IS 3025 (Part 14) - 2013 (Reaffirmed 2019)	µS/cm	910
32	Magnesium Hardness (as CaCO ₃)	IS 3025 (Part 46) - 2023	mg/L	54
33	Nitrite (as NO ₂)	IS 3025 (Part 34) - 1988 (Reaffirmed 2019)	mg/L	BLQ(LOQ:0.01)
34	Phenolphthalein Alkalinity (as CaCO ₃)	IS 3025 (Part 23) - 2023	mg/L	BLQ(LOQ:2.0)
35	Silica as SiO ₂	IS 3025 (Part 35) - 2024	mg/L	16
36	Total suspended solids (TSS)	IS 3025 (Part 17)-2022	mg/L	BLQ(LOQ:2.0)
37	Free Ammonia as NH ₃	IS 3025 (Part 34) - 1988 (Reaffirmed 2019)	mg/L	BLQ(LOQ:0.5)

Note : BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/***** End of the Report *****/


M. Sarathkumar
 Authorized Signatory-Chemical

Report No : ENQ-250726008-12 to 13


Report Date : 31 Jul 2025

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PVT LTD .(Sendurai LS Mines)
Customer Address : Ariyalur Works, Trichy- Ariyalur Road, Keelapalur, Ariyalur Dist-621707
Sample Name : Water **Sample Quantity** : 5Lit +100mL
Sample Description : Ground Water **Sampling Date** : 24 Jul 2025
Sample Drawn By : Laboratory **Sample Received on** : 26 Jul 2025
Sample Procedure : SMSLA/EN/SOP/001, SMSLA/MB/SOP/06 **Test Started on** : 26 Jul 2025
Test Completed on : 31 Jul 2025

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Sample Locations	
				Sendurai Village	Nakkambadi Village
Biological					
1	Total Coliforms	IS 15185 - 2016 (Reaffirmed 2021)	Per 100mL	Absent	
Chemical					
2	Sodium as Na	IS 3025 (Part 34) - 1993 (Reaffirmed 2019)	mg/L	41	44
Clause 4, Table 1 Organoleptic And Physical parameters					
3	Colour	IS 3025 (Part 04) - 2021	Hazen	5.0	
4	Odour	IS 3025 (Part 05) - 2018	--	Agreeable	
5	pH Value	IS 3025 (Part 11) - 2022	--	7.48	7.53
6	Total Dissolved Solids	IS 3025 (Part 16) - 2023	mg/L	606	635
7	Turbidity	IS 3025 (Part 10) -2023	NTU	2.3	1.6
Clause 4, Table 2 General Parameters Concerning Substances Undesirable In Excessive Amounts					
8	Anionic Detergents (as MBAS)	IS 3025 (Part 68) - 2019	mg/L	BLQ(LOQ:0.05)	
9	Boron	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.025)	
10	Chloride (as Cl)	IS 3025 (Part 32) - 1988 (Reaffirmed 2019)	mg/L	174	179
11	Copper	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)	
12	Fluoride as F	IS 3025 (Part 60) - 2008 (Reaffirmed 2019)	mg/L	0.2	
13	Free Residual Chlorine	IS 3025 (Part 26) - 2021	mg/L	BLQ(LOQ:0.1)	
14	Iron (as Fe)	IS 3025 (Part 53) - 2024	mg/L	0.34	0.21


S. Durga bai
 Authorized Signatory-Biological


M. Sarathkumar
 Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai, Tamil Nadu, India

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted.

S.NO	Parameter	Test Method	Unit	Sample Locations	
				Sendurai Village	Nakkambadi Village
15	Manganese	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)	
16	Mineral Oil	IS 3025 (Part 39) - 2021	mg/L	BLQ(LOQ:1.0)	
17	Nitrate (as NO3)	APHA 24th Edition:4500 NO3 B 2023	mg/L	15	12
18	Phenolic Compound (as C6H5OH)	IS 3025 (Part 43) Sec 1 - 2022	mg/L	BLQ(LOQ:0.001)	
19	Selenium	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)	
20	Sulphate (as SO4)	IS 3025 (Part 24) Sec 1 - 2022	mg/L	72	79
21	Total Alkalinity (as CaCO3)	IS 3025 (Part 23) - 2023	mg/L	213	227
22	Total Hardness (as CaCO3)	IS 3025 (Part 21) - 2009 (Reaffirmed 2019)	mg/L	163	184
Clause 4, Table 3 Parameters Concerning Toxic Substances					
23	Arsenic	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)	
24	Cadmium	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)	
25	Chromium	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)	
26	Cyanide (as CN)	IS 3025 (Part 27) - 1986	mg/L	BLQ(LOQ:0.01)	
27	Lead	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)	
28	Mercury	EPA 200.8 - 1994	mg/L	BLQ(LOQ:0.0005)	
Others					
29	Appearance	APHA 24th Edition:2110-2023	--	Slightly Turbid	
30	Calcium Hardness (as CaCO3)	IS 3025 (Part 40) - 1991 (Reaffirmend 2019)	mg/L	104	106
31	Conductivity @ 25°C	IS 3025 (Part 14) - 2013 (Reaffirmed 2019)	µS/cm	1061	1115
32	Magnesium Hardness (as CaCO3)	IS 3025 (Part 46) - 2023	mg/L	59	78
33	Nitrite (as NO2)	IS 3025 (Part 34) - 1988 (Reaffirmend 2019)	mg/L	BLQ(LOQ:0.01)	
34	Phenolphthalein Alkalinity (as CaCO3)	IS 3025 (Part 23) - 2023	mg/L	BLQ(LOQ:2.0)	
35	Silica as SiO2	IS 3025 (Part 35) - 2024	mg/L	17	15
36	Total suspended solids (TSS)	IS 3025 (Part 17)-2022	mg/L	BLQ(LOQ:2.0)	
37	Free Ammonia as NH3	IS 3025 (Part 34) - 1988 (Reaffirmend 2019)	mg/L	BLQ(LOQ:0.5)	

Note : BLQ: Below Limit of Quantification, LOQ: Limit of Quantification.

/***** End of the Report *****/


M. Sarathkumar
 Authorized Signatory-Chemical

Laboratory Address: No 39/6, Puduchatram, Thiruvallur High Road, Thirumazhisai Via, Poonamallee Tk, Thiruvallur, Chennai, Tamil Nadu, India

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted.

PIEZOMETER – GROUND WATER LEVEL MONITORING



AAQ MONITORING



Report No. ENQ-250726008-01 to 04

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED (Sendurai LS Mines)
 Customer Address : Ariyalur Works, Trichy- Ariyalur Road, Keelapalur, Ariyalur Dist-621707.
 Name : Air Sampling Date : 24 to 25 Jul 2025
 Sample Description : Ambient Air Quality – 24 hrs Sampling Start Time : 08.00 am to 08.30 am
 Sample Drawn by : Laboratory Sample received on : 26 Jul 2025
 Sample procedure : IS 5182 Part V & Part XIV Test Started on : 26 Jul 2025
 Test completed on : 31 Jul 2025
 Relative Humidity : 50-55% Ambient Temperature : 32-35°C

TEST RESULTS

Sl.No	Parameters	Test Method	Unit	NAAQ Norms	Quarry Edge/View point	Loading Area	Haul Road	Dump Yard
1.	Sulphur Dioxide as SO ₂	IS 5182 (Part 02) - 2001 (Reaffirmed 2022)	µg/m ³	80	10.9	10.6	11.8	10.5
2.	Nitrogen Dioxide as NO ₂	IS 5182 (Part 06) - 2006 (Reaffirmed 2022)	µg/m ³	80	23.1	21.4	23.5	20.9
3.	Particulate Matter(PM ₁₀)	IS 5182 (Part 23) - 2006 (Reaffirmed 2022)	µg/m ³	100	60.4	58.3	63.1	61.3
4.	Particulate Matter(PM _{2.5})	IS 5182 (Part 24) - 2019	µg/m ³	60	29.2	26.9	31.7	30.7
5.	Ozone as O ₃ (1hr)	IS 5182 (Part 09) - 1974 (Reaffirmed 2019)	µg/m ³	180	BLQ (LOQ:20)			
6.	Lead as Pb	Compendium Method IO - 3.4 - 1999	µg/m ³	1.0	BLQ(LOQ :0.001)			
7.	Carbon Monoxide as CO(8hrs)	IS 5182 (Part 10) - 1999 (Reaffirmed 2019)	mg/m ³	02	BLQ (LOQ:1.14)			
8.	Ammonia as NH ₃	IS 5182 (Part 25) - 2018	µg/m ³	400	BLQ (LOQ:20)			
9.	Benzene (C ₆ H ₆)	SMSLA/GC/SOP/43 - 2024	µg/m ³	05	BLQ(LOQ :1.0)			
10.	Benzo (a) Pyrene (Bap) (Particulate Phase Only)	SMSLA/GC/SOP/46 - 2024	ng/m ³	01	BLQ(LOQ :0.05)			
11.	Arsenic as As	Compendium Method IO - 3.4 - 1999	ng/m ³	06	BLQ(LOQ :0.1)			
12.	Nickel as Ni	Compendium Method IO - 3.4 - 1999	ng/m ³	20	BLQ(LOQ :0.1)			

Note : BLQ - Below Limit of Quantification LOQ: Limit of Quantification.

Conclusion: The above tested sample conforms the NAAQ standards for the above tested parameters.

***** End of the Report *****



M. Sarathkumar
 Authorized Signatory-Chemical

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED (Sendurai LS Mines)
 Customer Address : Ariyalur Works, Trichy- Ariyalur Road, Koelapalur, Ariyalur Dist-621707.
 Name : Air
 Sample Description : Ambient Air Quality – 24 hrs
 Sample Drawn by : Laboratory
 Sample procedure : IS 5182 Part V & Part XIV
 Relative Humidity : 52-53%

Sampling Date : 24 to 25 Jul 2025
 Sampling Start Time : 08.45 am to 09.30 am
 Sample received on : 26 Jul 2025
 Test Started on : 26 Jul 2025
 Test completed on : 31 Jul 2025
 Ambient Temperature : 33-34°C


TEST RESULTS

Sl.No	Parameters	Test Method	Unit	NAAQ Norms	Nakkambadi Village	Rayampurm Village	Sendurai Village	Mariyathur Village
1.	Sulphur Dioxide as SO ₂	IS 5182 (Part 02) - 2001 (Reaffirmed 2022)	µg/m ³	80	9.2	10.9	11.3	11.3
2.	Nitrogen Dioxide as NO ₂	IS 5182 (Part 06) - 2006 (Reaffirmed 2022)	µg/m ³	80	20.6	22.9	23.7	21.4
3.	Particulate Matter(PM ₁₀)	IS 5182 (Part 23) - 2006 (Reaffirmed 2022)	µg/m ³	100	58.3	59.4	60.8	62.3
4.	Particulate Matter(PM _{2.5})	IS 5182 (Part 24) - 2019	µg/m ³	60	27.5	28.3	29.1	29.7
5.	Ozone as O ₃ (1hr)	IS 5182 (Part 09) - 1974 (Reaffirmed 2019)	µg/m ³	180	BLQ (LOQ:20)			
6.	Lead as Pb	Compendium Method IO - 3.4 - 1999	µg/m ³	1.0	BLQ(LOQ :0.001)			
7.	Carbon Monoxide as CO(8hrs)	IS 5182 (Part 10) - 1999 (Reaffirmed 2019)	mg/m ³	02	BLQ (LOQ:1.14)			
8.	Ammonia as NH ₃	IS 5182 (Part 25) - 2018	µg/m ³	400	BLQ (LOQ:20)			
9.	Benzene (C ₆ H ₆)	SMSLA/GC/SOP/43 - 2024	µg/m ³	05	BLQ(LOQ :1.0)			
10.	Benzo (a) Pyrene (Bap) (Particulate Phase Only)	SMSLA/GC/SOP/46 - 2024	ng/m ³	01	BLQ(LOQ :0.05)			
11.	Arsenic as As	Compendium Method IO - 3.4 - 1999	ng/m ³	06	BLQ(LOQ :0.1)			
12.	Nickel as Ni	Compendium Method IO - 3.4 - 1999	ng/m ³	20	BLQ(LOQ :0.1)			

Note : BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

Conclusion: The above tested sample conforms the NAAQ standards for the above tested parameters.

***** End of the Report *****


 M. Sarathkumar
 Authorized Signatory-Chemical

Report No : ENQ-250726008-09

Report Date : 31 Jul 2025

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED (Sendurni LS Mines)
 Customer Address : Ariyalur Works, Trichy- Ariyalur Road, Keelapalur, Ariyalur Dist-621707.

Sample Description : Source Noise

Sample Procedure : IS 9989

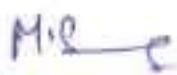
Measurement Date : 24 Jul 2025

TEST RESULTS

Sl.No	Location	Noise Level dB(A)						The Tamil Nadu Factories Rules 1950
		Day Time (06.00-22.00 hrs)			Night Time (22.00-06.00 hrs)			
		Lmin	Lmax	Avg	Lmin	Lmax	Avg	
1	Quarry Edge/View point	56.7	59.8	58.3	49.1	52.3	50.7	85dB(A)
2	Loading Area	68.5	71.6	70.1	64.2	66.9	65.6	

Conclusion: The above tested sample confirms The Factories Rules 1950 standards for the above tested locations.

***** End of the Report *****


 M. Sarathkumar
 Authorized Signatory-Chemical

Report No : ENQ-250726008-10

Report Date : 31 Jul 2025

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED (Sendurai LS Mines)
Customer Address : Ariyalur Works, Trichy- Ariyalur Road, Keelapalur, Ariyalur Dist-621707.

Sample Description : Ambient Noise (Day & Night)

Sample Procedure : IS 9989


Measurement Date : 24 Jul 2025

TEST RESULTS

S.N	Location	Noise Level dB(A)						CPCB Standards (Residential Area) For Noise in Leq dB(A)	
		Day Time			Night Time			Day Time (06.00-22.00 hrs)	Night Time (22.00-06.00 hrs)
		Lmin	Lmax	Avg	Lmin	Lmax	Avg		
1	Sendurai Village	50.3	53.9	52.1	42.5	44.7	43.6	55	45
2	Marcuvthur Village	52.3	55.1	53.7	40.9	43.2	42.1		

Conclusion: The above tested sample conforms the CPCB standards for the above tested locations.

/***** End of the Report *****/


M. Sarathkumar
Authorized Signatory-Chemical

Report No : ENQ-250726008-11

Report Date : 31 Jul 2025

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PRIVATE LIMITED (Sondurai LS Mines)

Customer Address : Ariyalur Works, Trichy- Ariyalur Road, Keelapalur, Ariyalur Dist-621707.

Sample Name	: Water	Sample Quantity	: 5 Ltr+100 mL
Sample Description	: Mines Sump Water	Sampling Date	: 24 Jul 2025
Sample Drawn By	: Laboratory	Sample Received on	: 26 Jul 2025
Sample Location	: Mines Pit Area	Test Started on	: 26 Jul 2025
Sample Procedure	: SMSLA/EN/SOP/001, SMSLA/MB/SOP/06	Test Completed on	: 31 Jul 2025

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Biological				
1	Total Coliforms	IS 15185 - 2016 (Reaffirmed 2021)	Per 100mL	Absent
Chemical				
2	Nitrate as NO ₃	IS 3025 (Part 34) - 1988 (Reaffirmed 2019)	mg/L	17
3	Sodium as Na	IS 3025 (Part 34) - 1993 (Reaffirmed 2019)	mg/L	41
Clause 4, Table 1 Organoleptic And Physical parameters				
4	Colour	IS 3025 (Part 04) - 2021	Hazen	5
5	Odour	IS 3025 (Part 05) - 2018	--	Agreeable
6	pH Value	IS 3025 (Part 11) - 2022	--	7.49
7	Total Dissolved Solids	IS 3025 (Part 16) - 2023	mg/L	519
8	Turbidity	IS 3025 (Part 10) - 2023	NTU	2.1
Clause 4, Table 2 General Parameters Concerning Substances Undesirable In Excessive Amounts				
9	Anionic Detergents (as MBA5)	IS 3025 (Part 68) - 2019	mg/L	BLQ(LOQ:0.05)
10	Boron	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.025)
11	Chloride (as Cl)	IS 3025 (Part 32) - 1988 (Reaffirmed 2019)	mg/L	122
12	Copper	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)
13	Fluoride as F	IS 3025 (Part 60) - 2008 (Reaffirmed 2019)	mg/L	0.2
14	Free Residual Chlorine	IS 3025 (Part 26) - 2021	mg/L	BLQ(LOQ:0.1)

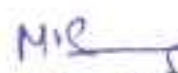

S. Durgabai
Authorized Signatory-Biological


M. Sarathkumar
Authorized Signatory-Chemical

S.NO	Parameter	Test Method	Unit	Results
15	Iron (as Fe)	IS 3025 (Part 53) - 2024	mg/L	0.56
16	Manganese	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)
17	Mineral Oil	IS 3025 (Part 39) - 2021	mg/L	BLQ(LOQ:1.0)
18	Phenolic Compound (as C ₆ H ₅ OH)	IS 3025 (Part 43) Sec 1 - 2022	mg/L	BLQ(LOQ:0.001)
19	Selenium	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)
20	Sulphate (as SO ₄)	IS 3025 (Part 24)	mg/L	58
21	Total Alkalinity (as CaCO ₃)	IS 3025 (Part 23) - 2023	mg/L	172
22	Total Hardness (as CaCO ₃)	IS 3025 (Part 21) - 2009 (Reaffirmed 2019)	mg/L	156
Clause 4, Table 3 Parameters Concerning Toxic Substances				
23	Arsenic	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)
24	Cadmium	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)
25	Chromium	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)
26	Cyanide (as CN)	IS 3025 (Part 27) - 1986 (Reaffirmed 2019)	mg/L	BLQ(LOQ:0.01)
27	Lead	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)
28	Mercury	EPA 200.8 - 1994	mg/L	BLQ(LOQ:0.0005)
Others				
29	Appearance	APHA 24th Edition:2110-2023	--	Turbid
30	Calcium Hardness (as CaCO ₃)	IS 3025 (Part 40) - 1991 (Reaffirmed 2019)	mg/L	102
31	Conductivity @ 25°C	IS 3025 (Part 14) - 2013 (Reaffirmed 2019)	µS/cm	910
32	Magnesium Hardness (as CaCO ₃)	IS 3025 (Part 46) - 2023	mg/L	54
33	Nitrite (as NO ₂)	IS 3025 (Part 34) - 1988 (Reaffirmed 2019)	mg/L	BLQ(LOQ:0.01)
34	Phenolphthalein Alkalinity (as CaCO ₃)	IS 3025 (Part 23) - 2023	mg/L	BLQ(LOQ:2.0)
35	Silica as SiO ₂	IS 3025 (Part 35) - 2024	mg/L	16
36	Total suspended solids (TSS)	IS 3025 (Part 17)-2022	mg/L	BLQ(LOQ:2.0)
37	Free Ammonia as NH ₃	IS 3025 (Part 34) - 1988 (Reaffirmed 2019)	mg/L	BLQ(LOQ:0.5)

Note : BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/***** End of the Report *****/


M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/8, Pudukkottai, Thiruvallur High Road, Chromasalai Via, Puzhamballi Tk, Thiruvallur, Chennai, Tamil Nadu, India

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable cement samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements, while perishable and environmental control samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

Report No : ENQ-250726008-12 to 13

Report Date : 31 Jul 2025

Customer Name : M/s. CHETTINAD CEMENT CORPORATION PVT LTD ,(Sendurai LS Mines)
 Customer Address : Ariyalur Worka, Trichy- Ariyalur Road, Keelapalur, Ariyalur Dist-621707

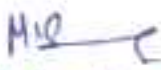
Sample Name : Water
 Sample Description : Ground Water
 Sample Drawn By : Laboratory
 Sample Procedure : SMSLA/EN/SOP/001, SMSLA/MB/SOP/06

Sample Quantity : 5L.it +100mL
 Sampling Date : 24 Jul 2025
 Sample Received on : 26 Jul 2025
 Test Started on : 26 Jul 2025
 Test Completed on : 31 Jul 2025

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Sample Locations	
				Sendurai Village	Nakkambudi Village
Biological					
1	Total Coliforms	IS 15185 - 2016 (Reaffirmed 2021)	Per 100mL	Absent	
Chemical					
2	Sodium as Na	IS 3025 (Part 34) - 1993 (Reaffirmed 2019)	mg/L	41	44
Clause 4, Table 1 Organoleptic And Physical parameters					
3	Colour	IS 3025 (Part 04) - 2021	Hazen	5.0	
4	Odour	IS 3025 (Part 05) - 2018	--	Agreeable	
5	pH Value	IS 3025 (Part 11) - 2022	--	7.48	7.53
6	Total Dissolved Solids	IS 3025 (Part 16) - 2023	mg/l.	606	635
7	Turbidity	IS 3025 (Part 10) -2023	NTU	2.3	1.6
Clause 4, Table 2 General Parameters Concerning Substances Undesirable In Excessive Amounts					
8	Anionic Detergents (as MBAS)	IS 3025 (Part 68) - 2019	mg/L.	BLQ(LOQ:0.05)	
9	Boron	IS 3025 (Part 65) - 2022	mg/L.	BLQ(LOQ:0.025)	
10	Chloride (as Cl)	IS 3025 (Part 32) - 1988 (Reaffirmed 2019)	mg/L.	174	179
11	Copper	IS 3025 (Part 65) - 2022	mg/L.	BLQ(LOQ:0.001)	
12	Fluoride as F	IS 3025 (Part 60) - 2008 (Reaffirmed 2019)	mg/l.	0.2	
13	Free Residual Chlorine	IS 3025 (Part 26) - 2021	mg/l.	BLQ(LOQ:0.1)	
14	Iron (as Fe)	IS 3025 (Part 53) - 2024	mg/l.	0.34	0.21


S. Durga bai
 Authorized Signatory-Biological


M. Sarathkumar
 Authorized Signatory-Chemical

S.NO	Parameter	Test Method	Unit	Sample Locations	
				Sendurai Village	Naikambudi Village
15	Manganese	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)	
16	Mineral Oil	IS 3025 (Part 39) - 2021	mg/L	BLQ(LOQ:1.0)	
17	Nitrate (as NO ₃)	APHA 24th Edition:4500 NO ₃ B 2023	mg/L	15	12
18	Phenolic Compound (as C ₆ H ₅ OH)	IS 3025 (Part 43) Sec 1 - 2022	mg/L	BLQ(LOQ:0.001)	
19	Selenium	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)	
20	Sulphate (as SO ₄)	IS 3025 (Part 24) Sec 1 - 2022	mg/L	72	79
21	Total Alkalinity (as CaCO ₃)	IS 3025 (Part 23) - 2023	mg/L	213	227
22	Total Hardness (as CaCO ₃)	IS 3025 (Part 21) - 2009 (Reaffirmed 2019)	mg/L	163	184
Clause 4, Table 3 Parameters Concerning Toxic Substances					
23	Arsenic	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)	
24	Cadmium	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)	
25	Chromium	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)	
26	Cyanide (as CN)	IS 3025 (Part 27) - 1986	mg/L	BLQ(LOQ:0.01)	
27	Lead	IS 3025 (Part 65) - 2022	mg/L	BLQ(LOQ:0.001)	
28	Mercury	EPA 200.8 - 1994	mg/L	BLQ(LOQ:0.0005)	
Others					
29	Appearance	APHA 24th Edition:2110-2023	--	Slightly Turbid	
30	Calcium Hardness (as CaCO ₃)	IS 3025 (Part 40) - 1991 (Reaffirmed 2019)	mg/L	104	106
31	Conductivity @ 25°C	IS 3025 (Part 14) - 2013 (Reaffirmed 2019)	µS/cm	1061	1115
32	Magnesium Hardness (as CaCO ₃)	IS 3025 (Part 46) - 2023	mg/L	59	78
33	Nitrite (as NO ₂)	IS 3025 (Part 34) - 1988 (Reaffirmed 2019)	mg/L	BLQ(LOQ:0.01)	
34	Phenolphthalein Alkalinity (as CaCO ₃)	IS 3025 (Part 23) - 2023	mg/L	BLQ(LOQ:2.0)	
35	Silica as SiO ₂	IS 3025 (Part 35) - 2024	mg/L	17	15
36	Total suspended solids (TSS)	IS 3025 (Part 17)-2022	mg/L	BLQ(LOQ:2.0)	
37	Free Ammonia as NH ₃	IS 3025 (Part 34) - 1988 (Reaffirmed 2019)	mg/L	BLQ(LOQ:0.5)	

Note : BLQ: Below Limit of Quantification, LOQ: Limit of Quantification.

/***** End of the Report *****/


M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: No 39/5, Pudukottam, Thiruvallur High Road, Chiramanjuli Via, Poonamallee TC, Thiruvallur, Chennai, Tamil Nadu, India

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable reagent samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements, while perishable and environmental reagent samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted.

TNPCB AAQ MONITORING



Tamil Nadu Pollution Control Board

Ambient Air Quality Survey Report

Report No:15/AAQS/2024-2025/ Dated:08.06.2024

- 1.Name and Address of the Industry : M/s.Chettinad Cements Corporation Private Limited,
Sendurai Limes Stone Mine,
Sendurai Village,
Sendurai TK,
Ariyalur District.
- 2.Date of Survey : 28.05.2024
- 3.Duration of Survey : Eight Hours
- 4.Category : Red/Small
5. Consent Order No. : 2008231508532

Ambient Temperature (°C)	Min	Max	Relative Humidity (%)	Min	Max
	31	38		50	62
Weather Condition	Clear Sky		Rain Fall (mm)	Nil	
Predominant Wind Direction	SW to NE		Mean Wind Speed (Km/hr)	12.7 km/hr	

Sl. No	Location of Sampling Stations	From Source			Pollutants in µg/m ³			
		Dire.	Dist. (m)	Ht. from gl (m)	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
1.	On the top of scaffolding near NE corner mines adjacent to land filling area	NE	350	3.0	69	27	11.4	14.4
2.	On the top of scaffolding near mines Entrance	ESE	300	3.0	65	-	8.8	12.3
3.	On top of scaffolding near mines Mechanical room	SW	250	3.0	58	18	7.0	10.4
4.	On top of scaffolding near NW Corner of the Mines	NW	250	3.0	62	-	8.2	11.7

July 1
08/06/24
Environmental Scientist,

Saravathi
11/6/24
Deputy Chief Scientific Officer,
AEL, TNPCB, Trichy-15.



Tamil Nadu Pollution Control Board
Ambient Noise Level Survey Report of Analysis

Report No: 15/AAQS/2024-2025 Dated:08.06.2024

1.	Name of the Industry	M/s.Chettinad Cements Corporation Private Limited,		
2.	Address of the Industry	Sendurai Limes Stone Mine, Sendurai Village, Sendurai TK, Ariyalur District.		
3.	Date of Survey	28.05.2024		
4.	Category	Red/Small		
5.	Consent Order No.	2008231508532		
Type of Survey		Ambient	Time of Survey	Day
Meteorological Conditions		Calm		

Logging Parameters

Instrument Used	Casella	Serial No.	0499593
Logging Interval	10 Minutes in each Point	Measuring Range	50-110dB(A)
Weighting	"A"	Time Weighting	Fast
Sound Incidence	Random	Time of Survey in Hrs.	11.00 to 12.00Hrs

SI No	Location	Duration (m)	Distance (m)	Direction	Sound Level -dB(A)		
					L _{eq}	L _{Min}	L _{Max}
1.	Near NE boundary of the mines	10	350	NE	42.6	38.4	54.7
2.	Near mines Entrance	10	300	ESE	44.2	41.3	58.9
3.	Near SW corner of the mines	10	250	SW	50.6	47.8	56.6
4.	Near western side of the mines	10	250	W	51.3	46.6	60.1
5.	Near NW corner of the mines	10	250	NW	50.8	45.3	58.2

Jiya
02/06/24
Environmental Scientist,

Baranathu
11/6/24
Deputy Chief Scientific Officer,
AEL, TNPCB, Trichy-15.

**Compliance of Notification published by MoEF&CC on 12.08.2021
Single Use Plastic Ban Awareness Board installed**



பிளாஸ்டிக் மாசில்லா தமிழ்நாடு

தமிழ்நாட்டை பிளாஸ்டிக் மாசில்லா மாநிலமாக உருவாக்குவதற்கு, தமிழக அரசு ஒரு முறை பயன்படுத்தி தூக்கி எறியப்படும் பிளாஸ்டிக் பொருட்களுக்கு தடை விதித்துள்ளது. நமது சுற்றுச்சூழலை காப்பது நம் கடமை என்ற உணர்வோடு தடை செய்யப்பட்ட பிளாஸ்டிக் பொருட்களை தவிர்த்து மாற்றுப் பொருட்களை பயன்படுத்துமாறு தமிழக அரசு, மக்களை அன்போடு கேட்டுக்கொள்கிறது.

தடை செய்யப்பட்ட பொருட்கள்	தடை X	பயன்படுத்தக்கூடிய பொருட்கள்	மாற்று ✓
<ul style="list-style-type: none"> உணவுப்பொருட்களை கட உபயோகப்படுத்தப்படும் நெகிழ்தளர் உறை தொமாக்கோல் தட்டுகள் பிளாஸ்டிக் பூசப்பட்ட காதீத தட்டுகள் பிளாஸ்டிக் பூசப்பட்ட காதீத குவளைகள் பிளாஸ்டிக் பூசப்பட்ட தெநீர் குவளைகள் தொமாக்கோல் குவளைகள் உணவு அருந்தும் மேஜையின் மீது விரிக்கப்படும் பிளாஸ்டிக் / பிளாஸ்டிக் பூசப்பட்ட தாள் 	<ul style="list-style-type: none"> நீர் நிரப்ப பயன்படும் பைகள், பொட்டைகள் பிளாஸ்டிக் உறிஞ்சு குழாய்கள் பிளாஸ்டிக் பைகள் (ஏதே அளவிலும், ஏதே தடிமனாக இருப்பினும்) பிளாஸ்டிக் பூசப்பட்ட காதீத பைகள் பிளாஸ்டிக் கொடிகள் நெய்யாத பிளாஸ்டிக் தூக்கு பைகள் பிளாஸ்டிக் குவளைகள் 	<ul style="list-style-type: none"> வாழை இலைகள் தாமரை இலைகள் பாக்குமர இலைகள் உலோக தட்டுகள் பீங்கான் தட்டுகள் பீங்கான் குவளைகள் உலோக குவளைகள் உலோக கொள்கலன் கண்ணாடி குவளைகள் கண்ணாடி பாட்டில்கள் 	<ul style="list-style-type: none"> காதீத சுருள் துணி பைகள் அலுமினிய தாள் மண் குவளைகள் மண்பாண்டங்கள் காதீத, மர உறிஞ்சு குழாய்கள் காதீதம் / சணல் பைகள் காதீத / துணி கொடிகள்

செட்டிநாடு சிமெண்ட் கார்ப்பரேஷன் (பி) லிட., அரியலூர் ஓர்க்ஸ்
சரியான கான்கிரீட் தேர்வு

Single Use Plastic Ban Awareness for Sendurai Mines Employees & Workers





Chettinad Cement/ Sendurai Mine/Environment Statement/ 2024-25/126
12 Sep 2025

To
The Member Secretary
Tamil Nadu Pollution Control Board
76, Mount Salai, Guindy
Chennai – 600 032

Respected Sir,

Sub : Submission of Environmental Statement in "Form V" under Environment (Protection) Rules, 1986 for the year 2024-25 Chettinad Cement Corporation Private Limited - Sendurai Limestone Mine, Sendurai Village, Ariyalur District, Tamilnadu

We herewith submit the "Environmental Statement" pertaining to Sendurai Limestone Mine in the prescribed format (Form V) under Environment (Protection) Rules, 1986 for the year 2024-25.

Kindly acknowledge the receipt.

Thanking you

Yours faithfully
for Chettinad Cement Corporation Private Limited


R.P. Muthiah
Sr. Vice President (Works)

Copy to :

1. Regional Director CPCB, Chennai
2. Dy. Director General of Forest, IRO, MoEF & CC, Chennai
3. JCEE, TNPCB, Trichy
4. 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

FORM - V

[See Rule 14 of Environment (Protection) Rules, 1986]

Environmental Statement for the Financial Year ending the 31st March 2025

PART - A

- (i) Name and address of the owner / occupier of the industry operation or process. : **R.P. Muthiah,
Sr. Vice President (Works)
Chettinad Cement Corporation Private Limited
Sendurai Limestone Mine, Sendurai Village
Ariyalur District
Tamilnadu**
- (ii) Industry category
 - Primary (STC Code) : Red Small
 - Secondary (SIC Code) : 1035- Mining and Ore beneficiation
- (iii) Production Capacity : 0.33 million ton per annum (mtpa)
- (iv) Year of Establishment : 2017
- (v) Date of Last Environment Statement submitted : 25.09.2024

PART - B

Water and Raw Material Consumption

(i) Water Consumption (m³/day)

Dust Suppression	:	4.4
Cooling	:	Not applicable
Greenbelt	:	5.7
Domestic	:	1.1

Name of the Product	*Process Water Consumption (m ³) per unit (metric ton) of Product Output	
	During the Previous Financial Year (2023-2024)	During the Current Financial Year (2024-2025)
(1) Limestone	0.011	0.127

*Water used for Dust Suppression & Greenbelt shown as process water consumption

(ii) Raw Material Consumption

Name of the Raw Materials	Name of the Products	Consumption of Raw Material (metric ton) per unit (metric ton) of Output	
		During the Previous Financial Year (2023-2024)	During the Current Financial Year (2024-2025)
(1) None #	Limestone	--	--

As the production activity involves only mining, no raw material is required

PART – C

Pollution Discharged to Environment/unit of output
(Parameter as specified in the consent issued)

Pollutant	Quantity of Pollutant Discharged (mass/day)	Concentrations of Pollutants in Discharges (Mass/volume)	Percentage of variation from prescribed standards with reasons
(a) Water			
No generation of any waste water from mining operation			
Domestic waste water is being sent septic tank, followed by dispersion trench			
Pollutant	Quantity of Pollutant Discharged (mass/day)	Concentrations of Pollutants in Ambient Air (Mass/volume) ($\mu\text{g}/\text{m}^3$)	Percentage of variation from prescribed standards with reasons
(b) Air			
PM ₁₀	Not Applicable as there is no point source of emission in Mine	59.7	Compared to Norm Less by 40.3 %
PM _{2.5}		28.3	Compared to Norm Less by 52.8 %
SO ₂		10.8	Compared to Norm Less by 86.6 %
NO ₂		21.6	Compared to Norm Less by 73.1 %
CO		2	Compared to Norm Less by 100.0 %

PART – D

HAZARDOUS WASTES

[As specified under [Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2016]

Hazardous Waste		Total Quantity Generated in metric tons	
		During the Previous Financial Year (2023-2024)	During the Current Financial Year (2024-2025)
(a)	From Process	NIL	NIL
(b)	From Pollution Control Facilities-None	NIL	NIL

**PART – E
SOLID WASTES**

Solid Waste		Total Quantity Generated (metric tons)	
		During the Previous Financial Year (2023-2024)	During the Current Financial Year (2024-2025)
(a)	From Process- Rejection (Top Soil)	114015.00	3307.50
(b)	From pollution control facilities	NIL	NIL
(c)	1. Quantity recycled or re-utilized within the unit	NIL	NIL
	2. Sold	NIL	NIL
	3. Disposed	NIL	NIL

PART – F

Please specify the characterizations (in terms of composition of quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes

Name of the Waste		Quantity	Characteristics	Disposal Practice Adopted
(1)	Hazardous Waste None	NIL	NA	NA
(2)	Solid Waste Rejection (Top Soil)	Opening Stock (as on 01.04.2024) : 0.0 tons tons Generation (Apr'24-Mar'25) : 3307.50 T Consumption (Apr'24-Mar'25) : 3307.50T Closing Stock (as on 31.03.2025) : 0.0 tons	SiO ₂ 45-50 % Cao 10-15% Fe ₂ O ₃ 3- 5% Al ₂ O ₃ 2- 3%	Rejection soil will be used for Backfilling & afforestation purpose only.

PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production

Specific consumption of water 0.127 m³ per ton of Limestone

PART – H

Additional measures / investment proposal for environmental protection including abatement of pollution, prevention of pollution

Investment Proposal for Environmental Protection for the year 2025-26

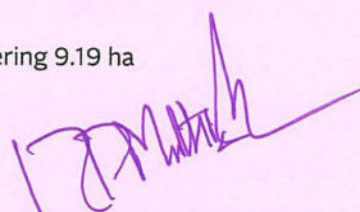
- Plantation & Maintenance of saplings: Rs 0.375 Lakh

PART – I

Any other particulars for improving the quality of environment

- a. Regular maintenance of all mining machinery and vehicles are being ensured so that vehicular emissions are within prescribed limits
- b. Good maintenance of roads is being ensured
- c. Water sprinkling is being carried out to suppress dust emission
- d. De-silting of garland drains is being done before monsoon to prevent carryover of solid particles
- e. So far around 18170.00 trees planted covering 9.19 ha

Place : Ariyalur
Date : 12.09.2025


(Signature of the Authorized Person)
Name : **R.P.Muthiah**
Designation : **Sr. Vice President (Works)**