



Chettinad Cement/ Periyathirukonam Mine /Environment Statement/2024-25/139  
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 -Periyathirukonam Limestone Mine, Periyathirukonam Village, Ariyalur District, Tamilnadu

We submit herewith the “Environmental Statement” pertaining to our Periyathirukonam 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*  
**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.**  
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**FORM - V**

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

**Environmental Statement for the Financial Year ending the 31<sup>st</sup> 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  
 Periyathirukonam Limestone Mine  
 Periyathirukonam Village, Ariyalur District  
 Tamilnadu  
 Pincode :621707
- (ii) Industry category  
 Primary (STC Code) : Red Small  
 Secondary (SIC Code) : 1035- Mining and Ore beneficiation
- (iii) Production Capacity : 1.3993 million ton till (2028-29)
- (iv) Year of Establishment : 2019
- (v) Date of Last Environment Statement submitted : 25.09.2024

**PART – B**

**Water and Raw Material Consumption**

**(i) Water Consumption (m<sup>3</sup>/day)**

- Dust Suppression : 7.9  
 Cooling : Not Applicable  
 Greenbelt : 3.7  
 Domestic : 1.0

Name of the Product		*Process Water Consumption (m <sup>3</sup> ) per unit (metric ton) of Product Output	
		During the Previous Financial Year (2023-2024)	During the Current Financial Year (2024-2025)
(1)	Limestone	0.009	0.010

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

**(ii) Raw Material Consumption**

Name of the Raw Material		Name of the Product	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) (tons/day)	Concentrations of Pollutants in Discharges (Mass/volume)	Percentage of variation from prescribed standards with reasons
<b>(a) Water</b>			
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>(b) Air</b>			
PM <sub>10</sub>	Not Applicable as there is no point source of emission in Mine	59.0	Compared to Norm Less by 41.0 %
PM <sub>2.5</sub>		28.3	Compared to Norm Less by 52.9 %
SO <sub>2</sub>		11.7	Compared to Norm Less by 85.4 %
NO <sub>2</sub>		21.6	Compared to Norm Less by 73.0 %
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 - None	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	300527	488580.77
(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 Rejections	Opening Stock ( as on 01.04.2024): 1403790 tons Generation (Apr'24-Mar'25) : 488580.77 T Consumption (Apr'24-Mar'25) : : 724827.44 T Closing Stock ( as on 31.03.2025): 1167543.33 tons	SiO <sub>2</sub> 45-50 % CaO 10-15% Fe <sub>2</sub> O <sub>3</sub> 3- 5% Al <sub>2</sub> O <sub>3</sub> 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 0.010 m<sup>3</sup> 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 0.8 lakh

**PART – I**

**Any other particulars for improving the quality of environment**

- Regular maintenance of all mining machinery and vehicles are being ensured so that vehicular emissions are within prescribed limits
- Ban plastic awareness display board fixed at the entrance of the LS mines
- Roads are being maintained effectively to avoid dust emission.
- Routine and regularly water sprinkling is being carried out to suppress dust emission.
- Existing de-silting pond further strengthening under progress with stone pitching arrangements and garland drains has been desilted periodically before monsoon to prevent carryover of solid particles.
- So far around 20749.00 trees planted covering 10.11 Ha.

Place : Ariyalur

Date : 12.09.2025

(Signature of the Authorized Person)

Name : **R.P. Muthiah**

Designation : Sr. Vice President (Works)

