

CCCPL/KW/Envi.Statement/Mines/2023-24/O1
17.09.2024

To
The Member Secretary,
Karnataka State Pollution Control Board,
49, 4th & 5th floor,
Parisara Bhavana, Church Street,
Bangalore – 560 001.


Sub: Submission of Environmental Statement in “Form V” for the year 2023-24 of Kallur Limestone Mine of Chettinad Cement Corporation Private Limited, located at Kallur Village, Chincholi Taluk , Kalaburagi District, Karnataka, under Environment (Protection) Rules, 1986 -reg

Dear Sir,

As mentioned in the above cited subject matter, we are here by submitting the “Environmental Statement Report” FY 2023-24 in the prescribed format (Form V) under Environment (Protection) Rules, 1986 pertaining to our **Kallur Limestone Mine (Extent of Mining Lease Area : 422.94 ha), Mining Production capacity : 4.0 Million Ton Per Annum)** located Kallur Village, Chincholi Taluk, Kalaburagi District, Karnataka.

Kindly acknowledge the receipt of the same.

Yours faithfully,
For Chettinad Cement Corporation Private Limited


K Saikumar 17/09
Unit Head

Copy to: Environmental officer, Karnataka State Pollution Control Board, Plot No 12/2, Sy.No 19/P, Mansafdar Layout, MG Road, Santraswadi, Kalburagi -585 101

Chettinad Cement Corporation Private Limited

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ENVIRONMENTAL STATEMENT REPORT FY 2023-2024

CAPACITY: 4.0 MTPA - KALLUR LIMESTONE MINE



M/s.Chettinad Cement Corporation Pvt Ltd.
Kallur Village, Chincholi Taluka,
Dist: Kalaburagi,
Karnataka-585305



CONTENTS

S.No		Page. No
CHAPTER -1		
PART-A	Form-V	01
PART-B	Water Consumption	02
PART-B	Raw material consumption per ton of cement	02
PART-C	Pollution discharged to Environment/Unit of Output	03
PART-D	Hazardous wastes	03
PART-E	Solid Wastes	03
PART-F	Quantum of Hazardous, Solid Wastes and its disposal practice	04
PART-G	Impact pollution abatement measures taken & Modifications for Energy conservation and Better Environment	04
PART-H	Additional measures /Proposal Modifications for Energy conservation and Better Environment, Afforestation	04
PART-I	Other Particulars for improving the quality of the Environment	05

FORM - V

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

Environmental Statement for the Financial Year ending the 31st March 2024**PART – A**

(i)	Name and address of the owner / occupier of the industry operation or process.	:	M.A.M.R. Muthiah Chettinad Cement Corporation Pvt Ltd, Kallur Limestone Mine, Kallur Village , Chincholi Taluk, Kalaburagi District, Karnataka. Pincode : 585 305
(ii)	Industry category Primary (STC Code) Secondary (SIC Code)	:	Red Large 1045.09- Mining and Ore beneficiation
(iii)	Production Capacity	:	4.0 Million Tons per Annum (MTPA)
(iv)	Year of Establishment	:	2012
(v)	Date of Last Environment Statement submitted	:	20.09.2023

PART – B**Water and Raw Material Consumption****(i) Water Consumption (m³/day)**

Dust Suppression	:	43.15
Cooling	:	NIL
Greenbelt	:	Treated STP water used
Domestic	:	2.5

Name of the Product		*Process Water Consumption (m³) per unit (metric ton) of Product Output	
		During the Previous Financial Year (2022-2023)	During the Current Financial Year (2023-2024)
(1)	Limestone	0.0053	0.0059

(ii) Raw Material Consumption

Name of the Raw Material		Consumption of Raw Material (metric ton) per unit (metric ton) of Output	
		During the Previous Financial Year (2022-2023)	During the Financial Year (2023-2024)
(1)	Limestone	1.1059	1.0733

PART – C

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

Pollutant	Concentrations of Pollutants in Discharges (Mass/volume) $\mu\text{g}/\text{m}^3$	Annual Avg in $\mu\text{g}/\text{m}^3$	Percentage of variation from prescribed standards with reasons
(a) Air			
PM₁₀	58.07	60	Within Prescribed limits
PM_{2.5}	23.25	40	Within Prescribed limits
SO₂	11.75	50	Within Prescribed limits
NO_x	17.80	40	Within Prescribed limits

PART – D
HAZARDOUS WASTES

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

Hazardous Waste		Total Quantity Generated	
		During the Previous Financial Year (2022-2023)	During the Financial Year (2023-2024)
(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 (2022-2023)	During the Financial Year (2023-2024)
(a)	From Process- Rejection Black Cotton Soil	71080	60916
(b)	From pollution control facilities	NIL	Nil
(c)	1. Quantity recycled or re-utilized within the unit	71080	60916
	2. Solid	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 Wastes		Quantity	Characteristics	Disposal Practice Adopted
(1)	Hazardous Waste None	NIL	NA	NA
(2)	Solid Waste Rejection Black Cotton Soil	Opening Stock (01.04.2023) : NIL Generation (Apr'23-Mar'24) : 60916 MT Consumption (Apr'23-Mar'24) : 60916 MT Closing Stock (31.03.2024) : NIL	Organic Carbon % : 0.38 Nitrogen as N (kg/ha) : 121 Potassium as (K ₂ O)(kg/ha) : 136	Used for the formation of bunds along Mine boundary and for greenbelt in Plant & Mine

PART – G

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

- Low quality limestone, instead of rejecting, blended with high quality limestone and used in the Cement Plant for conservation of mineral

PART – H

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

Investment Proposal for Environmental Protection

Plantation of saplings : Rs 5.25 lakhs

Amount spent for Forest Conservation Plan towards Chincholi Wild Life Sanctuary & Habitat improvement

Plantation of saplings : Rs 34.969 lakhs


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. De-silting of garland drains is being done before monsoon to prevent carryover of solid particles.
- c. So far around 4025 sapling planted during 2023-24 covering an area of 0.55 ha.
- d. Integrated Management Systems implemented: ISO: 9001, ISO: 14001, ISO-45001 and ISO 50001.

Place : Kallur

Date : 17.09.2024


Name : K Saikumar
Designation : Unit Head