MY HOME GROUP

Sree Jayajothi Cements Private Limited

MAHA CEMENT
BUILD IT STRONG

Ref: SJCPL /ENV /2024-25

Date: 06.09.2024

To,
The Environmental Engineer,
AP Pollution Control Board, Regional Office,
3rd Floor, Dr. YSR Paryavaran Bhavan,
Venkata Ramana colony,
Road No.2, Labour Colony,
Kurnool – 518 002.

Sub: - Submission of Environmental Statement in Form-V for Nandavaram Limekankar Quarry Lease-4 (6.605 Ha) for the Financial Year 2023- 24 - reg

Dear Sir,

With reference to the above subject, please find enclosed herewith the Nandavaram Limekankar Quarry Lease -4 (6.605 Ha) 0.05 MTPA Environmental Statement in Form-V for the financial year ending 31st March 2024 as required under the Environment Protection Rules 1986.

This is for your kind information and records please.

Thanking you,

Yours faithfully,
For Sree Jayajothi Cements Private Limited

B. C. Gurivi Reddy
Sr. Vice President (Works)

CC To: **The Member Secretary,**
Andhra Pradesh Pollution Control Board,
Dr. YSR Paryavaran Bhavan,
APIIC Colony Road, Gurunanak Colony,
Autonagar, Vijayawada-520007.

NANDAVARAM QUARRY LEASE- 6.605 Ha
(Limekankar– 0.05 Million TPA)

ENVIRONMENTAL STATEMENT (FORM-V)
FOR FINANCIAL YEAR 2023-24

M/s. SREE JAYAJOTHI CEMENTS PRIVATE LIMITED

(AN ISO 9001:2015, 14001:2015, 50001:2018 & OHSAS 45001:2018 Certified Company)

Sri Nagar, Yanakandla Village, Banaganapalle (Mandal),

Nandyal (District), Andhra Pradesh – 518124

ENVIRONMENTAL STATEMENT FORM – V

(See rule 14)

Environmental Statement for the financial year ending 31st March 2024

PART – A

i) Name and address of the owner/
Occupier of the industry operation: **Sri. Chandra Shekhar Pandey**
Director –Operations
M/s. M/s. Sree Jayajothi Cements Private Limited
Yanakandla Village, Banaganapalle Mandal, Nandyal District,
Andhra Pradesh – 518 124.

Operation or Process

ii) Industry Category : Red Category

iii) Production capacity of units:

Capacity of Limekankar : 0.05 Million TPA

iv) Date of last Environment statement submitted: 08.09.2023
(For the year 2022-2023)

PART B

WATER AND RAW MATERIAL CONSUMPTION

Water consumption (m^3/day) as per consent

Process /Cooling : 3 m^3/day

Domestic : 2 m^3/day

Greenbelt & Dust suppression : 3 m^3/day

Total water consumption for 2023-24 220 KL

Name of the products	**Water consumption per unit of products (KL/MT)**	
Limekankar	**During the previous financial year (2022-2023)**	**During the current financial year (2023-2024)**
	0.0057	0.0063

2. Raw Material Consumption

Limekankar Production for 2023-24: 3,500 MT

S.NO	Name of the Raw Material	Name of the Product	Consumption of Raw Material per unit of out put	
			During the previous financial year 2022-2023	During current financial year 2023-2024
1	Limekankar	Tonne of Limekankar	--	-----

PART C

POLLUTION DISCHARGED TO ENVIRONMENT/UNIT OF OUTPUT

(Parameter as specified in the consent issued)

Pollutants	**Quantity of pollutants discharged 2022-2023**	**Concentrations of pollutants in discharges 2023-2024**	**Percentage of variation from prescribed standards with reasons**
a) Water	Not applicable - There is no wastewater generation from mining activities. Domestic wastewater is treated in septic tank followed by soak pit.		
b) Air	There is no point source emission. Ambient Air Quality monitoring data is given in **Annexure-I**		

PART - D

HAZARDOUS WASTE

As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016

Hazardous waste	**Total quantity (Kg)**	
	During the previous financial year (2022-2023)	**During the current financial year (2023-2024)**
From process	Nil	Nil
From pollution control facilities	Nil	Nil

PART – E

SOLID WASTES

S. No	Solid Waste	Total Quantity	
		During the previous financial year (2022-2023)	During the current financial year (2023-2024)
1.	From Process	Nil	Nil
2.	From Pollution Control Facilities	Nil	Nil
3	Quantity recycled or re-utilized within the unit.	Nil	Nil

PART – F

PLEASE SPECIFY THE CHARACTERISTICS (IN TERMS OF CONCENTRATION AND QUANTUM) OF HAZARDOUS ASWELL AS SOLID WASTES AND INDICATES DISPOSAL PRACTICE ADOPTED FOR BOTH THESE CATEGORIES OF WASTES

There is no solid waste in the mining operation.

PART – G

IMPACT OF THE POLLUTION CONTROL MEASURES ON CONSERVATION OF NATURAL RESOURCES AND CONSEQUENTLY ON THE COST OF PRODUCTION.

PART – H

ADDITIONAL INVESTMENT FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT OF POLLUTION.

Annexure-I

Month	Ambient Air Quality Monitoring Location							
	Yanakandla Village				Hussainpuram Village			
	Parameters				Parameters			
	PM10	PM2.5	SO2	NOx	PM10	PM2.5	SO2	NOx
Apr-23	65.71	24.15	9.18	18.9	67.8	26.7	12.6	21.7
May-23	69.4	26.9	10.7	21.6	71.4	28.6	8.2	18.5
Jun-23	66.1	24.7	11.3	20.7	64.3	22.4	9.8	20.7
Jul-23	63.7	23.2	10.2	23.4	61.5	20.6	7.6	20.7
Aug-23	60.4	22.2	9.6	19.3	65.2	24.7	10.6	21.3
Sept-23	64.9	23.8	11.6	21.8	61.7	21	8.7	18.3
Oct-23	65	24.1	9.7	18.5	59.2	22.4	10.6	21.7
Nov-23	61.4	21.7	8.6	16.8	66.3	25	11.7	23.08
Dec-23	57.6	19.4	10	20.8	64.2	23.7	12.6	24.9
Jan-24	60.3	21.5	9.8	20.6	63.4	25.2	11.2	23.8
Feb-24	64.3	24.75	7.4	20.6	66.5	26	12.2	23.3
Mar-24	65.1	25.2	8.6	17.6	59.8	19.7	10.5	20.8
Min	**57.6**	**19.4**	**7.4**	**16.8**	**59.2**	**19.7**	**7.6**	**18.3**
Max	**69.4**	**26.9**	**11.6**	**23.4**	**71.4**	**28.6**	**12.6**	**24.9**
Avg	**63.6**	**23.4**	**9.7**	**20.1**	**64.3**	**23.8**	**10.5**	**21.6**

Month	Ambient Air Quality Monitoring Location							
	Erragudi Village				Palkur Village			
	Parameters				Parameters			
	PM10	PM2.5	SO2	NOx	PM10	PM2.5	SO2	NOx
Apr-23	50.28	17.5	6.7	18.9	58.2	20.6	9.4	16.2
May-23	45.8	16.3	7.55	21.6	75.7	33.4	13.7	26.5
Jun-23	48.1	19.1	8.4	20.7	69.6	28.4	11.7	22.7
Jul-23	46.8	17.2	6.5	23.4	58.2	20.6	9.4	16.2
Aug-23	43.8	15.6	7.4	19.3	75.7	33.4	13.7	26.5
Sept-23	47.1	17.6	6	21.8	69.6	28.4	11.7	22.7
Oct-23	53.4	53.4	7.5	17.8	58.2	20.6	9.4	16.2
Nov-23	56.2	56.2	6.7	14.3	75.7	33.4	13.7	26.5
Dec-23	54	54	7.4	15.9	69.6	28.4	11.7	22.7
Jan-24	52.8	52.8	6.5	16.7	58.2	20.6	9.4	16.2
Feb-24	49.1	49.1	8	21.5	75.7	33.4	13.7	26.5
Mar-24	46.3	46.3	7.4	17	69.6	28.4	11.7	22.7
Min	**43.8**	**15.6**	**6**	**14.3**	**58.2**	**20.6**	**9.4**	**16.2**
Max	**56.2**	**56.2**	**8.4**	**23.4**	**75.7**	**33.4**	**13.7**	**26.5**
Avg	**50.28**	**17.5**	**6.7**	**18.9**	**69.6**	**28.4**	**11.7**	**22.7**

Month	Ambient Air Quality Monitoring Location							
	Banganapalle Village				Nandavaram Village			
	Parameters				Parameters			
	PM10	PM2.5	SO2	NOx	PM10	PM2.5	SO2	NOx
Apr-23	68.7	26.3	10.5	23.8	62.54	24.9	8.6	18.9
May-23	70.3	28.4	12.4	25.7	58.4	22.9	9.4	20.5
Jun-23	68.4	26.7	10.3	22.6	60.9	23.3	7.9	19.7
Jul-23	66.9	25.6	11.8	23.9	64.3	21.9	8.6	21.08
Aug-23	63.1	22.7	10.4	21.7	58.2	19.5	9.3	20.4
Sept-23	60.4	21.6	9.5	20.4	54.3	18.72	10.4	22.6
Oct-23	60.4	23.2	12.1	23.6	55.6	21.6	9.4	18.8
Nov-23	64.7	25.9	13.3	26.2	50.4	17.8	10.0	16.5
Dec-23	66.4	26.1	12.2	25	54.7	20.2	8.4	18.9
Jan-24	63.8	24.6	10.7	23.8	58.2	22.9	9.1	19.6
Feb-24	65.4	25.9	11.2	17.4	55.3	21.7	6.4	20.3
Mar-24	62.8	23.4	12.5	25.3	58.4	22.6	8.7	19.3
Min	**60.4**	**21.6**	**9.5**	**17.4**	**50.4**	**17.8**	**6.4**	**16.5**
Max	**70.3**	**28.4**	**13.3**	**26.2**	**64.3**	**24.9**	**10.4**	**22.6**
Avg	**65.1**	**25.0**	**11.4**	**23.3**	**57.6**	**21.5**	**8.9**	**19.7**

Month	Ambient Air Quality Monitoring Location							
	Yagantipalle Village				Venkatapuram Village			
	Parameters				Parameters			
	PM10	PM2.5	SO2	NOX	PM10	PM2.5	SO2	NOX
Apr-23	57.67	16.3	7.7	19.6	55.4	20.6	9.5	21.25
May-23	60.3	22.6	8.7	18.05	50.12	17.3	8.8	16.4
Jun-23	56.9	21.3	10.3	20.4	53.7	20.2	9.6	19.3
Jul-23	59.4	22.2	10.5	22.87	50.1	18.5	7.5	18
Aug-23	54.6	20.6	8.2	19.7	57	20.6	8.2	29.3
Sept-23	60.3	23.4	11.5	21.8	62.6	24	11.4	23.4
Oct-23	58.4	20.2	6.7	15.3	56.8	23.3	10.7	21.6
Nov-23	60.7	22.8	7.4	18.6	59.6	22.8	7.3	16.4
Dec-23	62.4	24.3	9.5	20.2	62.3	24.4	8.8	19.3
Jan-24	65.7	26.6	11.7	22.5	57.8	22	9.1	18.1
Feb-24	61.3	24.1	7.8	20.2	54.9	20.6	11.7	22.4
Mar-24	63.8	22.3	8.3	20.5	50.1	17.3	7.3	16.4
Min	**54.6**	**16.3**	**6.7**	**15.3**	**62.6**	**24.4**	**11.7**	**29.3**
Max	**65.7**	**26.6**	**11.7**	**22.87**	**56.71**	**21.49**	**9.49**	**20.83**
Avg	**60.1**	**22.2**	**9.0**	**20.0**	**55.4**	**20.6**	**9.5**	**21.25**

Month	Ambient Air Quality Monitoring Location							
	Gollagutta Village				Patapadu Village			
	Parameters				Parameters			
	PM10	PM2.5	SO2	NOx	PM10	PM2.5	SO2	NOx
Apr-23	64.28	24.9	9.8	20.4	62.91	21.5	8.4	18.3
May-23	67.3	26.5	11.2	23.4	59.6	19.6	9.5	20.2
Jun-23	69.7	28.4	7.9	18.6	64.3	23.6	10.3	20.7
Jul-23	67.5	25.3	8.4	20.9	62.6	22.6	9.6	21.8
Aug-23	65.8	23.7	9.6	18.2	55.9	18.4	8.6	16.5
Sept-23	62.2	21.3	12.3	22.3	51.7	16	10.7	20.2
Oct-23	49	16.7	5.8	16.2	52.6	18.2	9.5	19.8
Nov-23	54.9	18.6	7.1	17.6	57.4	20.7	8.3	18.4
Dec-23	51.3	16.7	5.4	15.8	60.2	22.9	10.4	21.4
Jan-24	55.6	20.3	7.6	18.4	63.1	23.6	12.7	24.8
Feb-24	52.4	17.3	9.5	23.6	60.9	21.5	8.2	16.2
Mar-24	56.3	21.5	10.4	22.3	63.6	24.1	9.5	19.3
Min	**49**	**16.7**	**5.4**	**15.8**	**51.7**	**16**	**8.2**	**16.2**
Max	**69.7**	**28.4**	**12.3**	**23.6**	**64.3**	**24.1**	**12.7**	**24.8**
Avg	**59.7**	**21.8**	**8.8**	**19.8**	**59.57**	**21.06**	**9.64**	**19.80**

Limekankar NQ- 4 (6.605 Ha) MTPA) Production details 2023-24		
S.No	**Month**	**Production in MT**
1	Apr-23	2902.64
2	May-23	2097.36
3	Jun-23	0.00
4	Jul-23	5000.00
5	Aug-23	0.00
6	Sep-23	0.00
7	Oct-23	3750.00
8	Nov-23	0.00
9	Dec-23	0.00
10	Jan-24	4000.00
11	Feb-24	0.00
12	Mar-24	0.00
		17750.00

AMBIENT AIR QUALITY DATA QL-4 (6.605 Ha)				
Month	**PM_{10}**	**$PM_{2.5}$**	**SO_2**	**NO_x**
Apr-23	69.55	27.32	7.60	17.40
May-23	72.41	29.55	10.62	22.69
Jun-23	69.64	27.82	9.54	20.72
Jul-23	67.19	25.55	11.39	22.40
Aug-23	65.78	24.23	10.81	23.97
Sep-23	61.91	23.80	8.46	19.32
Oct-23	66.80	25.92	11.04	23.29
Nov-23	69.15	27.48	9.22	20.63
Dec-23	67.43	25.70	10.67	22.29
Jan-24	63.06	23.58	7.81	16.32
Feb-24	68.49	25.16	8.94	19.26
Mar-24	66.34	24.18	9.76	18.25

Green Belt Development