

Ref: SJCPL /ENV /2024-25

Date: 06.09.2024

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

Sub: - Submission of Environmental Statement Report in Form-V for Nandavaram  
Limekankar Quarry Lease-3 (12.402 Ha) for the Financial Year 2023- 2024 - reg

Dear Sir,

With reference to the above subject, please find enclosed herewith the Nandavaram  
Limekankar Quarry Lease (12.402 Ha) 0.2 MTPA Environmental Statement in Form-V for the  
financial year ending 31<sup>st</sup> 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**

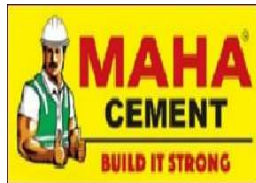


**B. C. Gurivi Reddy**  
**Sr. Vice President (Works)**

 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- 12.402 Ha  
(Limekankar– 0.2 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 31<sup>st</sup> 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**  
**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 : 0.2 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<sup>3</sup>/day) as per Consent

Process /Cooling : 3 m<sup>3</sup>/day

Domestic : 2 m<sup>3</sup>/day

Greenbelt & Dust suppression : 3 m<sup>3</sup>/day

Total water consumption for 2023-24 405 KL

<b>Name of the products</b>	<b>Water consumption per unit of products (KL/MT)</b>	
	<b>During the previous financial year (2022-2023)</b>	<b>During the current financial year (2023-2024)</b>
Limekankar	0.005	0.006

## 2. Raw Material Consumption

Limekankar Production for 2023-24: **70,000 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 <b>Annexure-I</b>		

### 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 AS WELL AS SOLID WASTES AND INDICATES DISPOSAL PRACTICE ADOPTED FOR BOTH THESE CATEGORIES OF WASTES**

Top soil will be generated 107988.78 m3 during the mining plan period.

Disposal : Shall be utilized for 14493.931 Cu.m Plantation/Greenbelt Development along the 7.5 mtrs barrier zone and remaining 93494.849 m3 shall be back filled in the 1.395 Ha of mined out area during mine development.

**PART – G**

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

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**PART – H**

**ADDITIONAL INVESTMENT FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT OF POLLUTION.**

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**PART-I**

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

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## Environmental Campaign & Awareness:

Every year Mines Environment and mineral conservation week is being celebrated and in the year 2023 we have celebrated in Nandavaram Mines premises. On the occasion of Mines Environment and mineral conservation day, all employees and workers gathered in Nandavaram Mines office. The environment pledge was being taken by all for environment conservation and continuous efforts to make a green and healthy environment.

On the occasion of Mines Environment and mineral conservation week day various environment related competitions are organized for company staff, workers in plant and Mines for colony children. Competitions like Environment drawings, slogans, essay writing etc. The main objective behind organizing these competitions is to make aware people about the environment consequence & its conservations. The winners of competitions are being awarded by our Plant Head. Plantation programme was done during the program.



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

**AMBIENT AIR QUALITY DATA QL-3 (12.402 Ha)**

<b>S.NO</b>	<b>Month</b>	<b>PM<sub>10</sub></b>	<b>PM<sub>2.5</sub></b>	<b>SO<sub>2</sub></b>	<b>NO<sub>x</sub></b>
1	<b>Apr-23</b>	62.90	22.68	6.90	16.70
2	<b>May-23</b>	64.90	24.30	7.60	18.20
3	<b>Jun-23</b>	61.64	22.32	10.51	20.82
4	<b>Jul-23</b>	59.32	20.81	9.46	18.97
5	<b>Aug-23</b>	65.77	24.93	11.05	23.46
6	<b>Sep-23</b>	67.42	26.78	9.66	21.81
7	<b>Oct-23</b>	60.99	20.42	6.28	18.53
8	<b>Nov-23</b>	62.38	22.69	8.71	19.43
9	<b>Dec-23</b>	65.04	24.32	10.25	21.69
10	<b>Jan-24</b>	69.72	27.13	12.16	23.54
11	<b>Feb-24</b>	73.13	29.55	11.38	24.04
12	<b>Mar-24</b>	70.42	28.05	10.75	20.32

**Limekankar NQ-3(12.402 Ha) MTPA) Production  
details 2023-24**

S.No	Month	Production in MT
1	Apr-23	0.00
2	May-23	0.00
3	Jun-23	15000.00
4	Jul-23	0.00
5	Aug-23	0.00
6	Sep-23	15000.00
7	Oct-23	13330.34
8	Nov-23	0.00
9	Dec-23	1669.66
10	Jan-24	0.00
11	Feb-24	15000.00
12	Mar-24	10000.00
		<b>70000.00</b>

## Green Belt Development



