



JSW Centre
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Website: www.jswcement.in
CIN :- U26957MH2006PLC160839

Ref.: JSW/ENV/PCB/01/65

Date: 25.08.2025

To,
The Member Secretary,
M.P. Pollution Control Board,
E-5, Arera Colony, Paryavaran Parisar,
Bhopal-462016, (MP)
Email.: ms-mppcb@mp.gov.in

Sub: Environmental Statement (Form-V) for FY 2024-25 of Kolkarhiya Limestone Mine (499.641 Ha) of M/s Springway Mining Pvt Ltd situated at Village Kolkarhiya Tehsil Simariya District Panna (MP).

Ref: Consent No. AW- 61530, Outward No. 121918 dated 09.01.2025 and AWH-55437 outward No. 114993 dated 17.03.2022.

Dear Sir,

Reference to above, please find enclosed herewith Environmental Statement (**Form-V**) of M/s Springway Mining Pvt Ltd- Kolkarhiya Limestone Mine (499.641 Ha) situated at Village Kolkarhiya Tehsil Simariya District Panna (MP) for FY 2024-25 for your kind information and record please.

We hope you will find the same in order.

Thanking You,

Yours faithfully,
For **JSW Cement Ltd.**

(Arvind Kumar Sharma)
Authorized Signatory

Encl.: Duly filled Form V

CC to:

The Regional Officer, Regional Office, M.P. Pollution Control Board, Pt. Deen Dayal Nagar, Housing Board Colony, Sagar, Madhya Pradesh. Email ID: romppcb_sagar@rediffmail.com

ENVIRONMENTAL STATEMENT

FORM - V

(See rule 14)

Environmental Statement for the financial year 2024-25, ending 31st March 2025

PART-A

i. Name an address of the owner/occupier of the industry operation or process	Shri Arvind Kumar Sharma M/s JSW Cement Limited (formally knowns as Springway Mining Pvt Ltd) Kolkarhiya Limestone Mine Village Kolkarhiya, The: Semariya, Dist: Panna (MP) 488446
ii. Industry category Primary - (STC Code) Secondary - (STC Code)	Primary Industry Category: Mining of Minerals – <i>Opencast (STC 1011)</i> Secondary Category: <i>Limestone Mining (STC 1022)</i>
iii. Production capacity	• Limestone 4.0 Million TPA • Mineral reject 2.03 Million TPA • Over Burden 6.50 Million TPA • Top Soil 1.57 Million TPA
iv. Year of establishment-	2022
v. Date of last environmental statement submitted	06 th August 2024

PART-B

WATER AND RAW MATERIAL CONSUMPTION

i. **WATER CONSUMPTION** (m3/day)

Process : Nil

Cooling : 2.2 M³/day (Dust suppression)

Domestic : Nil

Name of products	Process* water consumption per unit of products	
	During the previous financial year (2023-24) (M ³ /Unit)	During the current financial year (2024-25) (M ³ /Unit)
Limestone	1.2 M ³ / Mt of Limestone	2.2 M ³ / Mt of Limestone

Note:

- Combined water consumption for ROM (including Limestone, Overburden, and Topsoil) is **0.041 m³/MT** of ROM.
- **FY 2024–25 Production:**
 - Limestone: 921 MT
 - Overburden: 48,333.83 MT
 - Topsoil: 0.00 MT

**the reported process water consumption includes dust suppression, drilling, greenbelt & OB/topsoil handling etc.*

ii. **RAW MATERIAL CONSUMPTION**

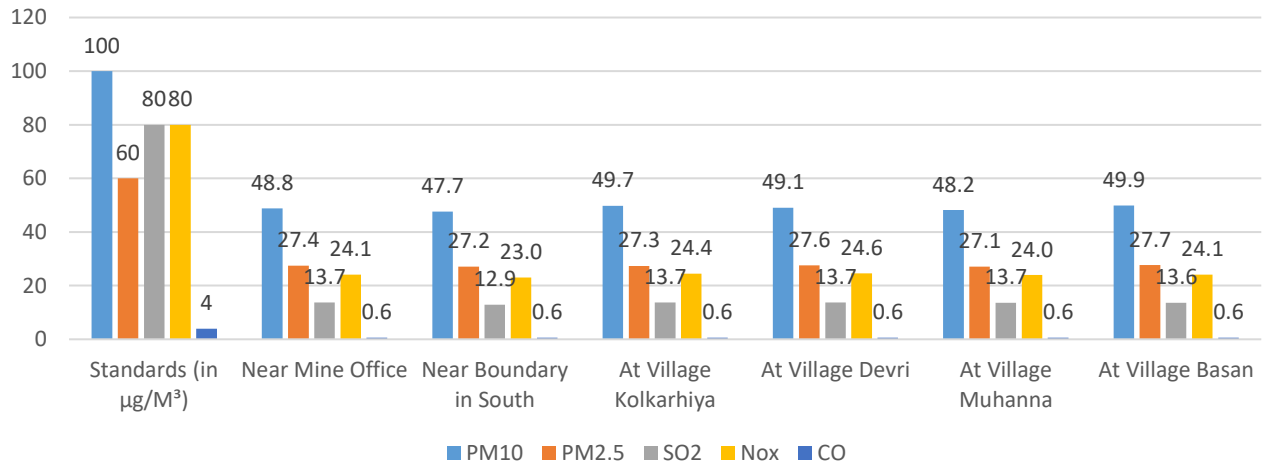
Name of raw material	Name of products	Consumption of raw material per unit of output	
		During the previous financial year (2023-24)	During the current financial year (2024-25)
ROM	Limestone	67.5 Mt/ Mt of Limestone	53.5 Mt/ Mt of Limestone
HSD	Limestone	0.17 Lt/ Mt of ROM & 11.5 Lt/ Mt of Limestone	0.48 Lt/ Mt of ROM & 25.8 Lt/ Mt of Limestone

PART-C

POLLUTION DISCHARGE TO ENVIRONMENT / UNIT OF OUTPUT

Pollutants	Quantity of pollutants discharged (Ton/Day)	Concentration of pollutants in discharge (Mass/Volume)	Percentage of variation from prescribed standards with reasons		
(a) Water	NIL, there is no wastewater generation from the mine.				
(b) Presently, there are no source emissions from the mining operations. As the mine is in the development stage and excavation is limited to surface float limestone, no crushing or processing units have been installed. Consequently, no point source air emissions are generated at this stage. Details of ambient air quality monitoring in the core & buffer zone of the mining area is as under: Annual average ambient air quality monitoring results FY 2024-25					
Location	Parameters				
	PM10 (µg/m3)	PM2.5 (µg/m3)	SO2 (µg/m3)	NOx (µg/m3)	CO (mg/m3)
Standards@ 24 hr. except CO @ 1 hr.	100.0	60	80	80	4
Near Mine Office	48.8	27.4	13.7	24.1	0.6
Near Boundary in South	47.7	27.2	12.9	23.0	0.6
At Village Kolkarhiya	49.7	27.3	13.7	24.4	0.6
At Village Devri	49.1	27.6	13.7	24.6	0.6
At Village Muhanna	48.2	27.1	13.7	24.0	0.6
At Village Basan	49.9	27.7	13.6	24.1	0.6
Average	48.9	27.4	13.5	24.0	0.6
Deviation (%)	-51.1	-54.3	-83.1	-69.9	-85.8

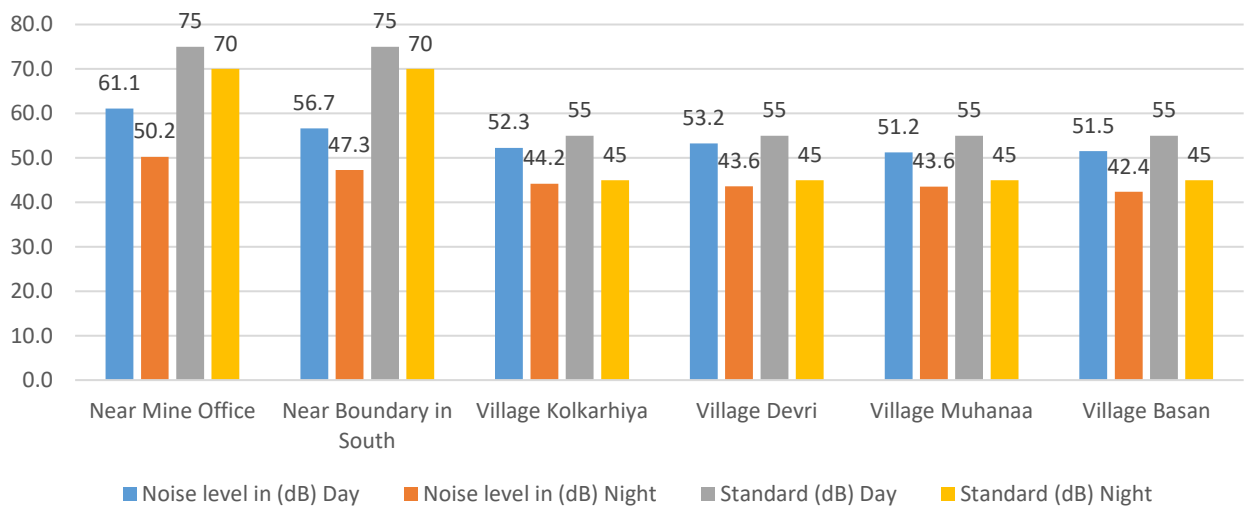
Annual Average FY 2024-25 Ambient Air Quality Monitoring results



(C) Noise level monitoring data (Yearly average)

Location	Noise level in (dB)				Standard (dB)	
	Day	Deviation %	Night	Deviation %	Day	Night
Near Mine Office	61.1	-18.6	50.2	-28.2	75	70
Near Boundary in South	56.7	-24.5	47.3	-32.5	75	70
Village Kolkarhiya	52.3	-5.0	44.2	-1.8	55	45
Village Devri	53.2	-3.2	43.6	-3.1	55	45
Village Muhanaa	51.2	-6.9	43.6	-3.2	55	45
Village Basan	51.5	-6.3	42.4	-5.9	55	45

Annual average Ambient Air Quality FY 2024-25



PART-D

(As specified under Hazardous Waste & Other waste Management rules-2016)

Hazardous waste	Total Quantity	
	During previous financial year (2023-24) (KL)	During current financial year (2024-25) (KL)
(a) From Process	Used oil (5.1)- Nil	Used oil (5.1)- Nil
(b) From pollution Control facilities	Nil	Nil

PART-E

SOLID WASTE

Total Quantity			
Sr.No.	Solid Waste	During previous financial year (2023-24)	During current financial year (2024-25)
(a)	From Process	OB-65999.95 MT Top Soil-7503.04 MT	OB- 48333.83 MT
(b)	From pollution control facility	NIL	NIL
(c)	(1) Quantity rejected or reutilized within the unit	Top Soil-7503.04 MT	NIL
	(2) Sold	Nil	Nil
	(3) Disposed	OB-65999.95 MT (stacked at earmarked location in mines)	OB-48333.83 MT (stacked at earmarked location in mines)

PART-F

PLEASE SPECIFY THE CHARACTERISATIONS (IN TERMS OF COMPOSITION AND QUANTUM) OF HAZARDOUS AS WELL AS WASTES AND INDICATE DISPOSAL PRACTICE ADOPTED FOR BOTH THESE CATEGORIES OF WASTES.

- **Hazardous Waste:**

No hazardous waste was generated during FY 2024–25. If generated, it will be stored in a dedicated, covered area and disposed of through authorized recyclers as per statutory guidelines.

- **Solid Waste:**

- *Topsoil*: Utilized for green belt development and plantation activities within the mine lease area.
- *Overburden (OB)*: Safely stacked at designated locations within the mining area as per the approved mining plan.

PART-G

IMPACT OF THE POLLUTION ABATEMENT MEASURES TAKEN ON CONSERVATION OF NATURAL RESOURCES AND ON THE COST OF PRODUCTION.

The mine is in its **developmental phase**, with limestone production currently limited to float limestone lumps from the surface.

Proposed & Existing Pollution Control Measures:

- Wet drilling to minimize dust generation.
- Controlled blasting techniques to reduce noise and vibration.
- Water sprinkling by tanker for dust suppression; water sprinkling system to be installed at the dump hopper.
- Air pollution control systems like bag filters and dry fogging systems will be installed at the crusher during the operational phase to minimize fugitive dust emissions.

PART-H

ADDITIONAL MEASURES / INVESTMENT PROPOSALS FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT POLLUTION, PREVENTION OF POLLUTION.

The green belt development program is currently in progress within the mining lease area, in alignment with the approved Mining Plan and the conditions stipulated in the Consent to Operate (CTO). During the financial year 2024–25, several environmental protection and pollution prevention measures were undertaken as part of this initiative.

Key initiatives undertaken in FY 2024–25:

1. Regular environmental monitoring through MoEF&CC-approved laboratories.
2. Green belt development:
 - 4,000 saplings planted.
 - 1.60 ha of green belt area developed.
3. Provision of watering facilities for plantations.
4. Installation of fencing and provision for maintenance of plantation area.

Total expenditure on environmental protection in FY 2024–25: ₹ 19.72 Lakhs

PART-I

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF ENVIRONMENT

- 1) Installed display boards on environmental awareness, mineral, and water conservation.
 - a. Expenditure: ₹ 1.15 Lakhs
- 2) Cumulative green belt development:
 - a. 2.65 ha developed with 6,632 saplings as of 31st March 2025.

- 3) Regular plantation in nearby villages under CSR programs.
- 4) FY 2025–26 (Till August):
 - a. 7500 saplings planted
 - b. 3.0 ha green belt developed at Kolkarhiya Mines.
- 5) Provision of PPEs (helmets, fluorescent jackets, safety shoes, nose masks, earplugs, earmuffs) to mine staff and associates.
- 6) Online Continuous Ambient Air Quality Monitoring Station (CAAQMS) with digital display board under installation at mine office area.

Date: 25/08/2025
Place: Hatta

For JSW Cement Limited



(Signature)
(Arvind Kumar Sharma)
Authorized Signatory

New Plantation Photographs of Kolkarhiya Limestone Mine FY 2025-26



Photographs of Kolkarhiya Limestone Mine FY 2022-23 Plantation Status



Plantation Photographs of Kolkarhiya Limestone Mine FY 2023-24



Plantation Photographs of Kolkarhiya Limestone Mine FY 2024-25

