

Ref.: SMPL/ENV/PCB/01/05

Date: 02.08.2023

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

Subject: Environmental Statement Report (Form-V) for FY 2022-23 of Kolkarhiya Limestone Mine (499.641 Ha) of M/s Springway Mining Pvt Ltd situated at Village Kolkarhiya Tehsil Simariya District Panna (MP).

Reference: Consent No. AW- 57000, Outward No. 116776 dated 07.11.2022 and AWH-55437 outward No. 114993 dated 17.03.2022.

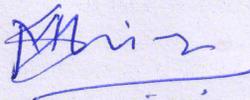
Dear Sir,

Kindly refer to the above subject and referred letters, please find enclosed herewith Environmental Statement Report (**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 2022-23 for your kind information and record please.

We hope you will find the same in order.

Thanking You,

Yours faithfully,
For Springway Mining Pvt. Ltd.
(A Unit of JSW Cement)



(Mayank Shrivastav)
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 2022-23, ending the 31st March 2023

PART-A

i. Name an address of the owner/occupier of the industry operation or process	Shri Mayank Shrivastav M/s Springway Mining Pvt Ltd Kolkarhiya Limestone Mine Village Kolkarhiya, The: Semariya, Dist: Panna (MP)
ii. Industry category Primary - (STC Code) Secondary - (STC Code)	Red and Large Category
iii. Production capacity	<ul style="list-style-type: none">• Limestone 4.0 Million tons per annum• Mineral reject 2.03 Million tons per annum• Over Burden 6.50 Million tons per annum• Top Soil 1.57 Million tons per annum
iv. Year of establishment-	2022
v. Date of last environmental statement submitted	30 th June 2022

PART-B

WATER AND RAW MATERIAL CONSUMPTION

i. **WATER CONSUMPTION** m3/day

Process : Nil

Cooling : Nil

Domestic : Nil

Name of products	Process water consumption per unit of products	
	During the previous financial year (2021-22) (Litres/Unit)	During the current financial year (2022-23) (Litres/Unit)
1. Limestone	Nil	Nil

*Blasting permission for mining is under process. Pit development activities are in process.

ii. **RAW MATERIAL CONSUMPTION**

Name of raw material	Name of products	Consumption of raw material per unit of output	
		During the previous financial year (2021-22)	During the current financial year (2022-23)
	Limestone	Nil	Nil

* Blasting permission for mining is under process. Pit development activities are in process.

PART-C

POLLUTION DISCHARGE TO ENVIRONMENT / UNIT OF OUTPUT

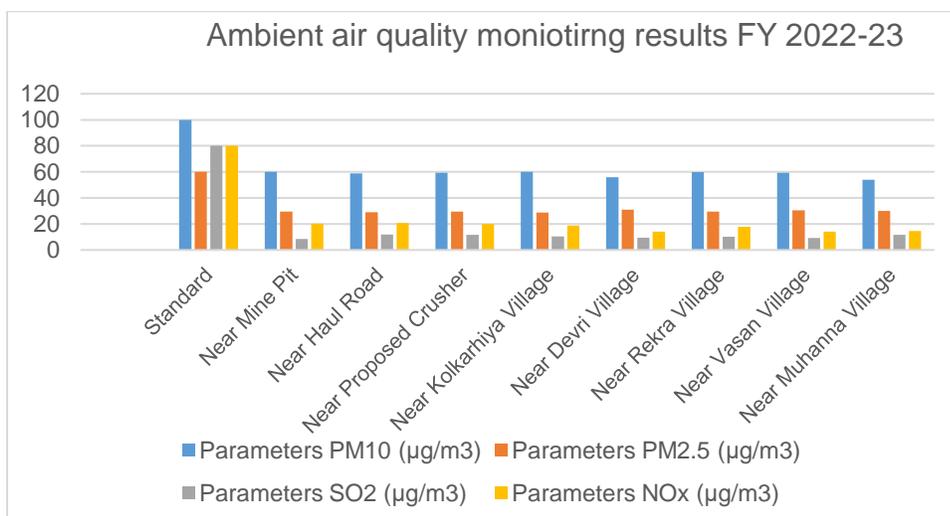
Pollutants	Quantity of pollutants discharged (Ton/Day)	Concentration of pollutants in discharge (Mass/Volume)	Percentage of variation from prescribed standards with reasons
(a) Water	NIL, there is no any waste water generated from mine.		

Presently no source emission from the mines.

(b) Details of ambient air quality monitored in core & buffer zone of mining area is as under:

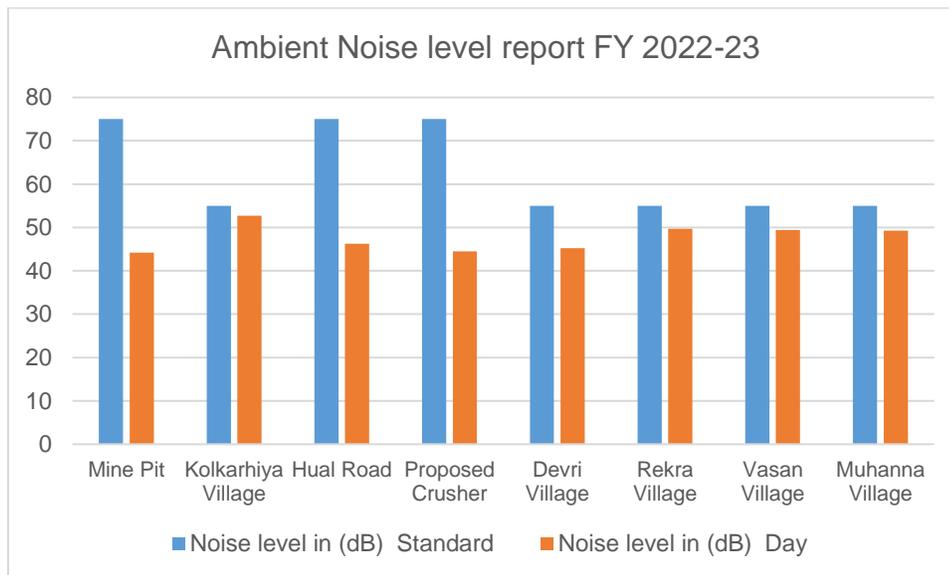
Annual average ambient air quality monitoring results

Location	Parameters				
	PM10 (µg/m ³)	PM2.5 (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)
Standards@24 hr except CO @ 8 hr	100.0	60	80	80	2
Near Mine Pit	60.0	29.4	8.4	20.2	<1.0
Near Haul Road	58.9	29.1	12.0	20.7	<1.0
Near Proposed Crusher	59.3	29.6	11.6	19.9	<1.0
Near Kolkarhiya Village	60.0	28.7	10.4	18.8	<1.0
Near Devri Village	55.8	31.0	9.4	14.0	<1.0
Near Rekra Village	59.7	29.5	10.1	17.8	<1.0
Near Vasana Village	59.2	30.5	9.2	14.0	<1.0
Near Muhanna Village	54.0	30.1	11.7	14.5	<1.0
Average	58.4	29.7	10.4	17.5	<1.0
Deviation (%)	-41.64	-30.26	-69.65	-62.51	-50.0



(C) Noise level monitoring data (Yearly average)

Location	Noise level in (dB)		
	Day	Standard	Deviation (%)
Mine Pit	44.23	75	-30.77
Kolkarhiya Village	52.72	55	-2.28
Hual Road	46.22	75	-28.78
Proposed Crusher	44.48	75	-30.52
Devri Village	45.25	55	-9.75
Rekra Village	49.73	55	-5.27
Vasan Village	49.43	55	-5.57
Muhanna Village	49.28	55	-5.72

**PART-D**

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

Hazardous waste	Total Quantity	
	During previous financial year (2021-22) (KL)	During current financial year (2022-23) (KL)
(a) From process	Used oil (5.1)- Nil	Used oil (5.1)- Nil
(b) From pollution Control facilities	Nil	Nil

*Blasting permission for mining is under process. Pit development activities are in process.

PART-E

SOLID WASTE

		Total Quantity	
		During previous financial year (2021-22)	During current financial year (2022-23)
(a)	From process	NIL	NIL
(b)	From pollution control facility		
(c)	(1) Quantity rejected or reutilized with in the unit		
	(2) Sold		
	(3) Disposed		

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 will be generated and stored in dedicated area and will be disposed through registered recycler. There is no hazardous as well as Solid Waste generated.

PART-G

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

Presently Mine is in development stage and limestone is being produced from float limestone lumps found on ground surface only. Blasting permission for mining is under process.

Following measures will be taken after getting blasting permission: -

- Use of wet drilling
- Use of Control blasting technique to avoid noise and vibration
- Water sprinkling system will be provided at the dump hopper to control the fugitive emission.
- Crusher has yet not been installed and upon installation, air pollution control equipment's like bag filters, dry fogging system will be installed at crusher to avoid generation of dust while transportation.

PART-H

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

Blasting permission is under process however Green belt development program is going on in mines area as per approved mining plan.

PART-I

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF ENVIRONMENT

- 1) Monitoring of ambient air and water quality is being done regularly as mentioned in Consent to operate.
- 2) Results of ambient air quality are well within the prescribed norms.
- 3) Total 1.0 ha. area has been covered under plantation with 2632 nos. of plants till 31st July 2023.
- 4) Provision of all Personal Protective Equipment (PPEs) like helmets, safety shoes, ear plugs, dust mask, goggles etc. to all employees and workers.
- 5) CSR Department to carrying out CSR activities in nearby areas.

Date: 02/08/2023

Place: Hatta



For Springway Mining Private Limited
(A unit of JSW Cement)

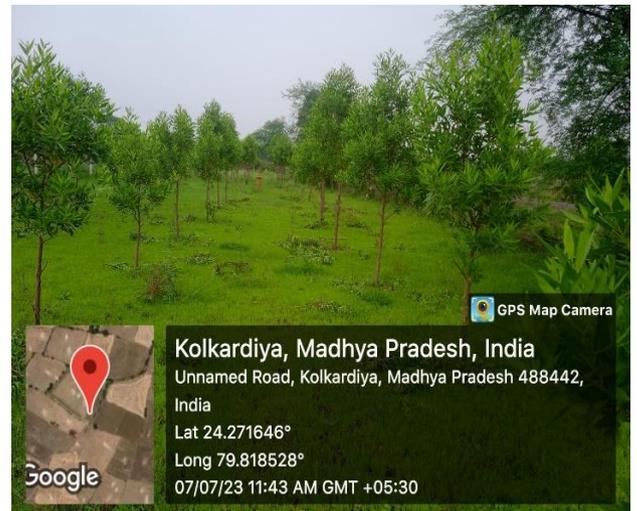
A handwritten signature in blue ink, appearing to read "Mayank Shrivastav".

(Mayank Shrivastav)
Authorized Signatory

Photographs of Kolkardiya Limestone Mine FY 2022-23 Plantation Status



Plantation done in FY 22-23 Monsoon at Mine Lease Boundary



New sapling plantation Photographs of Kolkardiya Limestone Mine FY 2023-24 (July 23)

