

Ref.: SMPL/ENV/PCB/01/25

Date: 06.08.2024

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 2023-24 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- 59305, Outward No. 119319 dated 29.11.2023 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 2023-24 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)


6.8.24

(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 2023-24, ending the 31st March 2024

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	03 rd August 2023

PART-B

WATER AND RAW MATERIAL CONSUMPTION

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

Process : Nil

Cooling : 1.2 M³/day (Dust suppression)

Domestic : Nil

Name of products	Process water consumption per unit of products	
	During the previous financial year (2022-23) (M ³ /Unit)	During the current financial year (2023-24) (M ³ /Unit)
Limestone	Nil	1.2 M ³ / Mt of Limestone

Note:

- ❖ Water consumption for ROM including Limestone, Overburden and Top Soil is **0.018 M³/Mt of ROM**.
- ❖ Production details FY 2023-24: Limestone-1000 MT, OB-65999.95 MT and Top Soil-478.21 MT.

ii. **RAW MATERIAL CONSUMPTION**

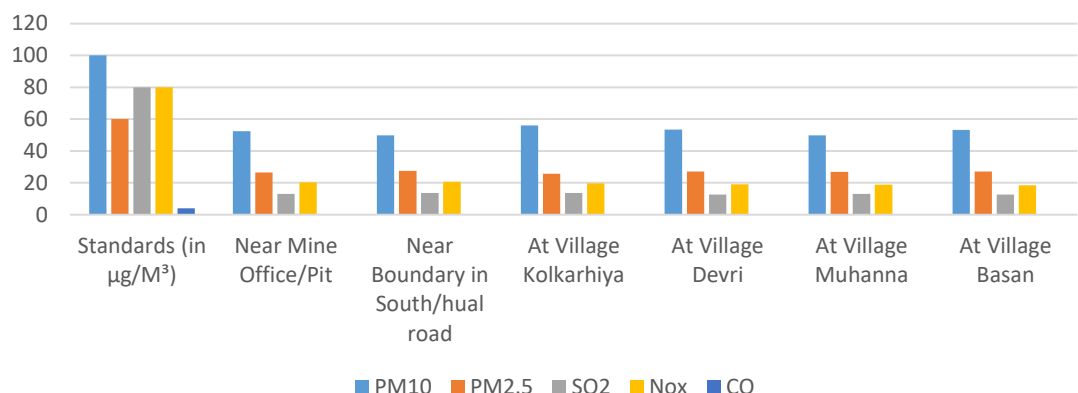
Name of raw material	Name of products	Consumption of raw material per unit of output	
		During the previous financial year (2022-23)	During the current financial year (2023-24)
ROM	Limestone	Nil	67.5 Mt/ Mt of Limestone
HSD	Limestone	Nil	0.17 Lt/ Mt of ROM & 11.5 Lt/ Mt of Limestone

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 generated from the mine.				
Presently no source emission from the mines.					
(b) 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 2023-24					
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	52.3	26.6	13.0	20.3	0.2
Near Boundary in South	49.9	27.5	13.7	20.6	0.2
At Village Kolkarhiya	56.1	25.6	13.6	19.6	0.3
At Village Devri	53.4	27.2	12.7	19.1	0.3
At Village Muhanna	49.8	27.0	13.1	19.0	0.3
At Village Basan	53.1	27.1	12.6	18.5	0.3
Average	52.4	26.8	13.1	19.5	0.3
Deviation (%)	-47.6	-55.3	-83.6	-75.6	-92.5

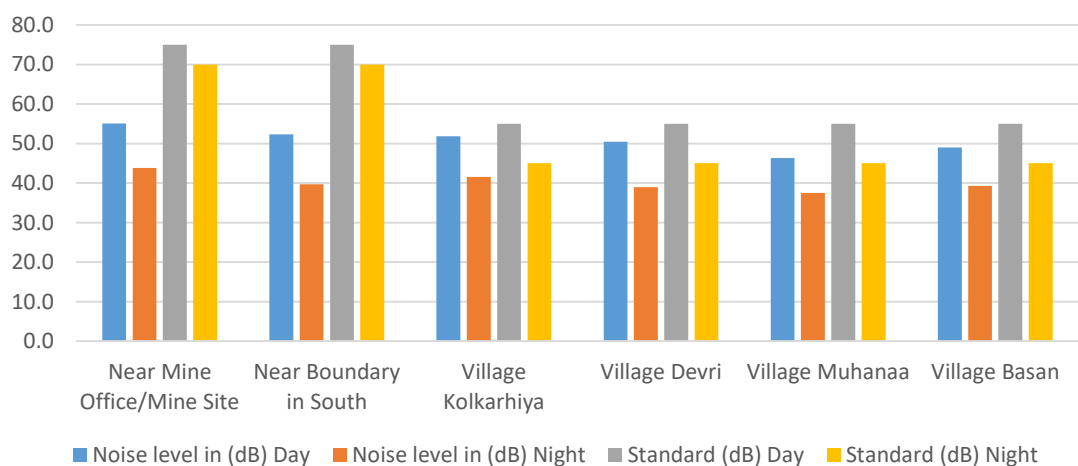
Annual Average FY 2023-24 Ambient Air Quality Monitoring results



(C) Noise level monitoring data (Yearly average)

Location	Noise level in (dB)				Standard (dB)	
	Day	Deviation %	Night	Deviation %	Day	Night
Near Mine Office/Mine Site	55.1	-26.6	43.9	-37.4	75	70
Near Boundary in South	52.3	-30.3	39.7	-43.4	75	70
Village Kolkarhiya	51.9	-5.7	41.5	-7.7	55	45
Village Devri	50.4	-8.3	39.0	-13.4	55	45
Village Muhanaa	46.4	-15.7	37.5	-16.7	55	45
Village Basan	49.0	-10.9	39.3	-12.7	55	45

Annual average Ambient Air Noise Level FY 2023-24



PART-D

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

Hazardous waste	Total Quantity	
	During previous financial year (2022-23) (KL)	During current financial year (2023-24) (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 (2022-23)	During current financial year (2023-24)
(a)	From Process	NIL	OB-65999.95 MT Top Soil-478.21 MT
(b)	From pollution control facility	NIL	NIL
(c)	(1) Quantity rejected or reutilized within the unit	NIL	Top Soil-478.21 MT
	(2) Sold	NIL	Nil
	(3) Disposed	NIL	OB-65999.95 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 will be generated and stored in a dedicated area and will be disposed of through a registered recycler. There is no hazardous Waste generated in FY 2023-24. Regarding Solid waste, Topsoil is being used for plantation and overburden stacked at earmarked locations in mines.

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.

Following measures will be taken: -

- Use of wet drilling
- Use of Control blasting technique to avoid noise and vibration
- Dust suppression is being done by sprinkler mounted water tanker and a Water sprinkling system will be provided at the dump hopper to control the fugitive emissions.
- 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.

Green belt development program is currently underway in the mines area in accordance with the approved mining plan and CTO. In the last fiscal year 2023-24, several measures were implemented to protect the environment and prevent pollution:

1. Environmental monitoring is being conducted by a MoEF-approved laboratory.
2. In FY 2023-24 total of 2500 saplings had been planted in the mine area and developed a 1.0 ha green belt area.
3. Watering arrangements have been arranged for the plantation.
4. Fencing and other care and maintenance facilities have been provided.

A total amount of **Rs 20.52 Lakhs** was spent during FY 2023-24 for environmental protection including pollution abatement and prevention.


PART-I

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF ENVIRONMENT

- 1) Display boards for environmental protection, mineral conservation, and water conservation were exhibited at mines. A total of Rs 1.15 lakhs was spent on the display boards.
- 2) Total 1.05 ha. Green belt area has been developed under plantation with 2632 nos. of plants till 31st March 2024.
- 3) Plantation is being done regularly in nearby villages and surrounding areas under CSR initiatives.
- 4) In FY 2024-25 till July 2024 we have planted 4000 nos of saplings and covered 1.6 ha green belt at Kolkarhiya Mines.
- 5) We are providing the Safety PPEs to our mine staff as well as Associates like Helmet, Fluorescent Jackets, Safety Shoes, Nose Mask, Ear Plug and Ear Muff.

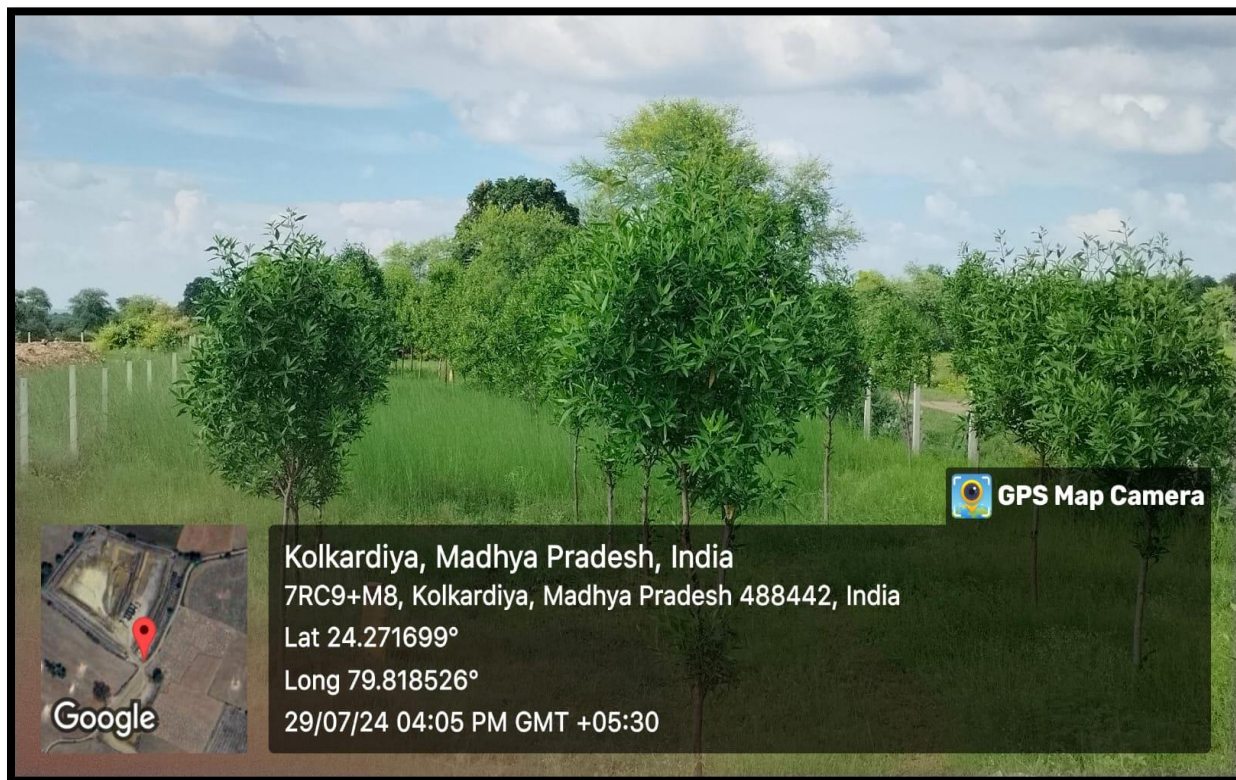
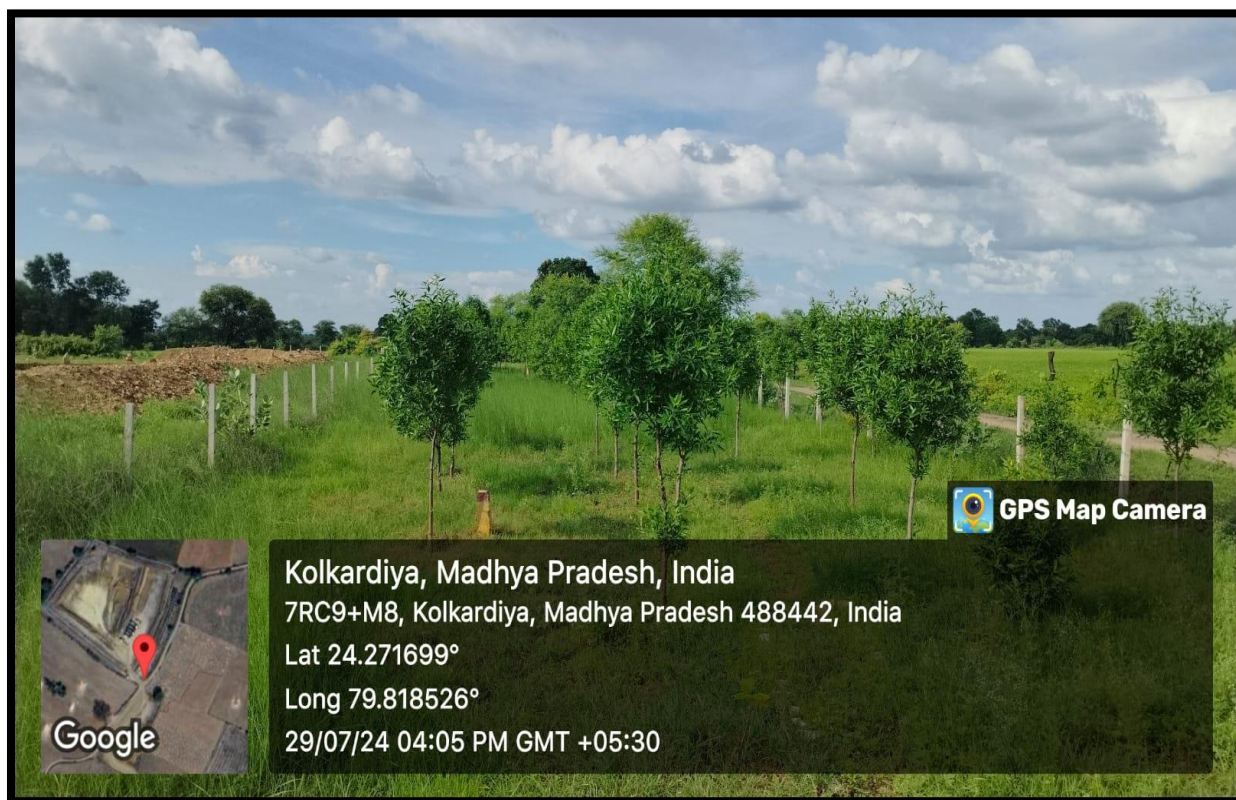
Date: 06/08/2024
Place: Hatta

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



Shri 2
(Mayank Shrivastav)
Authorized Signatory

Photographs of Kolkarhiya Limestone Mine FY 2022-23 Plantation Status



Plantation Photographs of Kolkardiya Limestone Mine FY 2023-24



New Plantation Photographs of Kolkardiya Limestone Mine FY 2024-25 (up to July 2024)

