The Member Secretary,
Jharkhand State Pollution Control Board,
T.A. Bhawan, H.E. C. Campus, Dhurwa,
Ranchi, 834004, Jharkhand.

Ref. No. - JMB/ENV/ESSA/05/384/2026

September 29th, 2026

Sub: Submission of Annual Environment Statement in Form V for the FY-26.

Dear Sir,

We are enclosing herewith Annual Environment Statement in Form-V for the FY-26 in respect of **Kalimela Open Cast Project** of M/s Tata Steel Limited, Jharia Division for your kind perusal.

Kindly acknowledge the receipt of the same.

Thanking you,

Yours faithfully,
For Tata Steel Limited

Head (Planning)

CC: Regional Officer, Dhanbad, Jharkhand State Pollution Control Board, H.I.G. -1 Sardar Patel Nagar, Housing Colony Hirapur, Dhanbad, Jharkhand.

TATA STEEL LIMITED
Jharia Collieries Jamadoba 828 112 Dhanbad India
Tel 91 326 2320263/2320265/2320267 Fax 91 326 2320268
Regd. Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001
Tel 91 22 66658282 Fax 91 22 66657724
Corporate Identity Number L27100MH1907PLC000260 Website www.tatasteel.com

FORM – V (See rule – 14)

Environmental Statement for the financial year ending the 31st March -2026

Kalimela Open Cast Project

PART – A

1.Name and address of the owner/ occupier of the : industry/ operation or process	**Kalimela Open Cast Project**
Manager :	**Mr. Basant Kumar Singh** Sr. Area Manager (Kalimela Open Cast Project) Tata Steel Limited, P.O.- Jamadoba Dist.- Dhanbad, Jharkhand-828112
Nominated Owner :	**Mr. T.V. Narendran** CEO&MD, Tata Steel Limited Jamshedpur, Dist- East Singhbhum Jharkhand – 831 001
2.Industry category: Primary (STC Code) Secondary (STC Code)	--
3.Production Capacity – Units	0.30 MTPA – Raw coal
4.Year of Establishment	October'2009
5.Date of the last environmental statement submitted	30th September 2025 (Vide Letter No. JMB/ENV/ESSA/05/444/2025)

PART – B

Water and Raw Material Consumption

1. Water Consumption M^3 / day

	Water consumption in 2024-2025	**Water consumption in 2025-2026**
Process	Not Applicable	Not Applicable
Industrial	Nil*	Nil*
Domestic	Not Applicable	Not Applicable
Other	Not Applicable	Not Applicable

*The raw coal production from above mine is closed from Nov'16 as the mine is exhausted. The backfilling of overburden and reclamation jobs are going on.

Sl. No	**Name of the products**	**Process water consumption per unit of product output.**	
		During the previous financial year 2024-2025	**During the current financial year 2025-2026**
1.	Raw Coal	Not Applicable	Not Applicable

FORM – V (See rule – 14)

Environmental Statement for the financial year ending the 31st March -2026

Kalimela Open Cast Project

2. Raw Material Consumption

Sl. No	Name of the Raw Material	Name of the product	Raw Materials consumption per unit production output.	
			During the previous financial year 2024-2025	During the current financial year 2025-2026
1.	Explosives	Raw Coal	Nil	Nil

***Industries may use codes if disclosing details of raw materials would violate contractual obligation, otherwise all industries have to name the raw materials used.**

PART – C

Pollution discharged to environment / unit of output.

(Parameter as prescribed in the consent issued)

Sl. No	Pollution	Quantity of pollutants discharged (mass/ day)		Concentration of pollutants in discharges (Mass/Volume)		Percentage of variation from prescribed standard with reason.
A.	AIR	PM_{10} Level : 24 Hourly Limit- 100µg/m³	$PM_{2.5}$ Level : 24 Hourly Limit- 60µg/m³	SOx Level: 24 Hourly Limit- 80µg/m³	NOx Level: 24 Hourly Limit- 80µg/m³	All values are within limits. The values indicated here are the average value of quarterly reports of FY25 conducted by 3rd party NABL accredited laboratory.
		85.63	48.99	18.83	32.91	
B.	WATER	There is no effluent and mine water discharge as the mining operation is closed.				

The open cast project does not have any single point source of air pollution. Hence, quantitative estimation of air pollutants discharged in Kg/day cannot be ascertained.

PART – D

Hazardous Wastes

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

Sl No	Hazardous Waste	Total Quantity (Kg.)	
		During the previous financial year 2024-2025	During the current financial year 2025-2026
1.	From process Used Oil	Nil	Nil
2.	From pollution control facility	-	-

FORM – V (See rule – 14)

Environmental Statement for the financial year ending the 31st March -2026

Kalimela Open Cast Project

PART – E

Solid Wastes

Sl No	Solid Wastes	Total Quantity (Kg.)	
		During the previous financial year 2024-2025	During the current financial year 2025-2026
1.	Overburden	Nil	Nil
2.	Quantity recycled or reutilized within the unit/ sold/ disposed	OB which has been dumped in an external dump area of 12 Ha which is being backfilled.	

PART – F

Please specify the characterization (in term of composition and quantum) of hazardous as well as solid wastes and indicate disposal practices adopted for both these categories of wastes.

Category of Waste	Characteristics	Quantity	Disposal Practice
Solid Waste **1. Overburden**	Solid	Nil	Overburden was dumped at earmarked sites within the leasehold area as per Environmental Clearance conditions. This is now being used for backfilling of void.
Hazardous Waste **1. Used Oil**	Used Oil (Liquid)	Nil	-

PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

The mine was closed during this period. However, the fund earmarked for reclamation of the mine is being used as per the mine closure plan

S. No.	Environment Management Activity	Expenditure in Lakhs
1	Cleaning of garland drains	0.00
2	Repair of garland drains and toe walls	0.00
3	Cleaning & Bush cutting (House Keeping of areas)	0.00
4	Green belt development	0.78
	Total Cost incurred	**0.78**

FORM – V (See rule – 14)

Environmental Statement for the financial year ending the 31st March -2026

Kalimela Open Cast Project

PART – H

Additional measures/ investment proposals for environmental protection including abatement of pollution, prevention of pollution

Jharia Division of Tata Steel Limited is committed to improve safety and environment by strictly practicing Environmental Management System of company. Various programs are arranged such as World Environmental day, World Earth Day, International Day for Biological Diversity, Annual Flower Show etc. for public awareness. Also, various initiatives for biodiversity enhancement in the region have been taken such as Bird Niche Nesting, Development of Butterfly Garden, Medicinal Garden, Nursery development of native species, etc. Tree plantation will be continued in the leasehold area. Water pumped out from the mine was used for plantation and gardening other than used in stowing during mining operation. Four Effluent Treatment Plants based on MBBR technology have been commissioned in Jamadoba group with capacity of 10 KLD each for canteen wastewater at JCPP, 2-Pit, workshop effluents treatment & TMH. Three STP of 50 KLD, 60 KLD and 30 KLD has been installed for sewage treatment of residential colonies. Two continuous ambient air quality monitoring system and one PM 10 station has also been installed in the area.

PART – I

Any other particulars for improving the quality of environment

- We are providing safe drinking water by treating the mine dewatering water through our water treatment plant & MADA supply water to our employees.
- We regularly sprinkle water in and around the units to suppress dust.
- We have provided dust masks for our employees to prevent exposure to dust in underground mines.
- Our welfare department arranges to clean the domestic garbage from our colonies to provide better environment.
- Regular monitoring of Air Quality & mine water analysis by our separate environment management cell.
- We have developed green belts and parks/gardens with massive tree plantation, and this is a continuous process in company leasehold areas.
- Regular thrust on Environment awareness conducting training classes at P.T.I., Jamadoba.
- We are an IMS certified unit (ISO 9001:2015, 14001:2015 and 45001:2018 certified) along with SA: 8000 (Social Accountability).

Name of Unit – Kalimela Open Cast Project

Manager, OCP Kalimela
Tata Steel Limited

Manager
JAMADOBA COLLIERY