

महाप्रबंधक का कार्यालय
पश्चिमी झरिया क्षेत्र
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"For uploading online on "parivesh portal" of MoEF&CC and sending by e-mail"

Ref:- BCCL/WJA/ENV/2026/ 103

Date:- 30/5/2026.

To,
The Regional Director,
Ministry of Environment & Forest and Climate Change
Regional Office (ECZ), Bunglow No. A-2,
Shyamali Colony, Ranchi – 834002.

Sub: - Submission of six-monthly reports on compliance of Environment Clearance for the period from **october 2025 to March 2026** with respect to Proposed Moonidih Coking coal washery (capacity of 2.5MTPA) in an area of 18 Ha) of M/s Bharat Coking Coal Limited.

Ref: EC file No. J-11015/77/2011-IA.II (M), Dated: - 17.04.2026.

Respected Sir,

Please find attached herewith the six-monthly reports on compliance of Environment Clearances **EC granted on 17.04.2026** for the period from **october 2025 to March 2026** (reporting period 1st June) with respect to Proposed Moonidih Coking coal washery (capacity of 2.5MTPA, in an area of 18 Ha) of M/s Bharat Coking Coal Limited which is not applicable for the period from October 2025 to March 2026 as the operation of the project has not been started yet.

It is to assure you that once the project is started the stipulated compliances shall be complied as per the EC granted.

Thanking you,
Encl: - As Above

Yours faithfully,


General Manager
W.J. Area
(Cluster-XI, BCCL)

**ENVIRONMENTAL CLEARANCE COMPLIANCE OF PROPOSED
MOONIDIH COKING COAL WASHERY (CAPACITY OF 2.5 MTPA
IN AN AREA OF 18 HA),**

File No.: J-11015/77/2011-IA-II(M), DATED 17.04.2026.

(October 2025 to March 2026)

1. Specific Conditions:

S. No	EC Conditions	Compliance
1.1	Project proponent shall obtain environmental safeguards from JSPCB within 30 days from the date of grant of environmental clearance as per OM dated 14.01.2025. Compliance in this regard shall be submitted to the Ministry and Regional Office of MoEF&CC.	Process of application for grant of CTE is under process. Note: EC grant on 17.04.2026 therefore, this compliance is not applicable for period from oct'25 to Mar'26. This compliance report is submitted for reporting period of 1 st june.
1.2	The Plant shall operate on closed water circuit with a concept of 'Zero Liquid Discharge' (ZLD). 100% water will be recycled and no treated & untreated wastewater shall be discharged outside the boundaries of project area.	Shall be complied .
1.3	As committed, rooftop solar panels shall be installed at the DAV Moonidih School, Karitand High School, Rajkiya middle School and other schools in the close vicinity of the ML area.	Shall be complied .
1.4	Water spraying shall be done on regular basis inside and around the project area (within 2 km of the plant site) on a regular interval and a log book should be maintained for the same. The fog cannon must be installed at periphery of the Coal washery in order to suppress the dust.	Shall be complied .
1.5	A closed pipe conveyor system for transportation of raw coal from the mine to the washery shall be installed and commissioned by September 2029. Upon commissioning of the conveyor system, transportation of coal by road shall be completely discontinued. Until the commissioning of the closed pipe conveyor, raw coal shall be transported only through tarpaulin-covered trucks in compliance with environmental norms. Washed coal shall be transported by rail only from the commencement of washery operations.	Shall be complied .
1.6	The trucks to be used for transportation of raw coal should be tarpaulin covered. Vehicles proposed to be used for coal transportation shall not be older than 5 years and all should have valid PUC certificates. PP shall also explore the possibility to deploy e -vehicle/ e-dumpers. Regular water spraying shall be done on transportation route through Water tankers.	Shall be complied .
1.7	PP shall carryout regular maintenance of the potholes on roads, repair and maintenance of roads, scrapping of material fallen on roads, and removal of scraps from project area.	Shall be complied .
1.8	Plantation with the native and fast growing species (with saplings of height not less than 2 meter) shall be carried out on both the sides of the coal transportation road within 1 year from date of grant of EC.	Shall be complied .

1.9	The budget proposed for PH is Rs. 567.50 Lakhs. The budget proposed shall be kept in a separate account and audited annually. Project proponent shall implement the action plan to address the issues raised during public hearing within a time frame of 3 years from the date of grant of EC. PP shall submit the progress report regarding the implementation of action plan to concerned RO along with the six-monthly compliance report.	Shall be complied .
1.10	PP shall implement the protective measure proposed in Environment Management Plan (EMP) in a time-bound manner. The budget earmarked for the same is Rs 1098.13 Lakhs and Rs 55.0 Lakhs per annum (recurring) and should be kept in separate accounts and audited annually. The implementation status along with the amount spent with documentary proof shall be submitted to the concerned Regional Office for the activities carried out during the previous year.	Shall be complied .
1.11	One CAAQMS shall be installed in the core zone of the project area, in consultation with the JSPCB in addition to the already installed 3 nos of CAAQMS in the buffer zone. The same shall be connected to the server of JSPCB and CPCB.	Shall be complied .
1.12	Total greenbelt shall be developed in at least 7.64 ha (42.44 % of washery area), during the first two years of operation. Additional 7.48 ha shall be developed as plantation, post washery life within 2 years of closure of operations. Native and fast growing species saplings of height not less than 4 feet shall be used for plantation.	Shall be complied .
1.13	Water requirement for the said project shall be fulfilled by the mine water of the Moonidih UG Mine situated near the washery site.	Shall be complied .
1.14	No rejects shall be generated from the said washery. If any rejects are generated, they shall be disposed of as per the Policy of handling & Disposal of Washery Rejects issued by the Ministry of Coal.	Shall be complied .
1.15	As committed, the existing ponds at Moonidih Basti, Dhobni, Gopinathdih, and other nearby villages shall be maintained with provision of mine water supply to maintain adequate water levels and ensure their sustained functionality.	Shall be complied .
1.16	Project proponent shall carryout plantation along the banks of Jors/ streams to act as a riparian buffer, using native species in consultation with the Forest Department, as recommended by the National Institute of Hydrology (NIH), Roorkee in its river conservation plan for Damodar River.	Shall be complied .
1.17	Raw coal and washed coal shall be stored in covered storage facility/ bunkers. Fixed-type high pressure sprinkler shall be installed in this storage yards.	Shall be complied .
1.18	Project proponent shall construct a 20 ft height wind barrier with galvanized/metal sheet all around the boundary of the washery and install fixed-type water sprinkler all along the boundary wall. Plantation shall be done all along the wind barrier with fast growing and native species.	Shall be complied .
1.19	Project proponent is advised to implement the 'Ek Ped Maa Ke Naam' Campaign which was launched on 5th June 2024 on the occasion of the World Environment Day	Shall be complied .

	to increase the forest cover across the Country. This plantation drive is other than Green belt development. The action in this regard shall be submitted concerned RO in six monthly report.	
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Standard Conditions

1. Statutory Compliance

S. No	EC Conditions	Compliance
1.1	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee	Process of making application for CTE is under process.
1.2	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.	Shall be complied , if required.
1.3	Solid waste/hazardous waste generated in the washery needs to address in accordance to the Solid Waste Management Rules, 2016 / Hazardous & Other Waste Management Rules, 2016	Shall be complied .
1.4	Coal beneficiation practices shall be carried out under strict adherence to provisions of the Factories Act, 1957 and subordinate legislations made there under	Shall be complied .

2. Air Quality Monitoring And Mitigation Measure

S. No	EC Conditions	Compliance
2.1	Adequate ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely particulates, SO ₂ and NO _x . Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive receptors in consultation with the State Pollution Control Board. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc. carried out at least once in six months.	Shall be complied .
2.2	1 number of Continuous ambient air quality monitoring stations as prescribed in the statue be established in the core zone, in addition to 3 already established in the buffer zone for monitoring of pollutants, namely PM ₁₀ , PM _{2.5} , SO ₂ and NO _x . Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Online ambient air quality monitoring stations may also be installed in addition to the regular monitoring stations as per the requirement and/or in consultation with the SPCB. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc to be carried out at least once in six months.	Shall be complied .
2.3	All approach roads shall be black topped and internal roads shall be concreted. The roads shall be regularly cleaned. Coal transportation shall be carried out by covered cross country belt conveyor.	Shall be complied .

2.4	Vehicular emissions shall be kept under control and regularly monitored. The vehicles having 'PUC' certificate from authorized pollution testing centres shall be deployed for washery operations.	Shall be complied .
2.5	Hoppers of the coal crushing unit and other washery units shall be fitted with high efficiency bag filters/mist spray water sprinkling system shall be installed and operated effectively at all times of operation to check fugitive emissions from crushing operations, transfer points of closed belt conveyor systems and from transportation roads.	Shall be complied .
2.6	The raw coal, washed coal and middlings shall be stacked properly at earmarked site (s) within stockyards fitted with wind breakers/shields. Adequate measures shall be taken to ensure that the stored mineral does not catch fire.	Shall be complied .

3. Water Quality Monitoring And Mitigation Measures

S. No	EC Conditions	Compliance
3.1	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board.	Shall be complied .
3.2	The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No.J-20012/1/2006-IA.11 (M) dated 27th May, 2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.	Shall be complied .
3.3	Industrial waste water shall be properly collected and treated so as to conform to the standards prescribed under the Environment (Protection) Act, 1986 and the Rules made there under, and as amended from time to time.	Shall be complied .
3.4	The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the washery. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side stabilised with plantation so as to withstand the peak water pressure preventing any chance of inundation.	Shall be complied .
3.5	Heavy metal content in raw coal and washed coal shall be analysed once in a year and records maintained thereof.	Shall be complied .
3.6	An Integrated Surface Water Management Plan for the washery area up to its buffer zone considering the presence of any river/rivulet/pond/lake etc. with impact of coal washing activities on it, shall be prepared, submitted to MoEFCC and implemented.	Shall be complied .
3.7	Waste Water shall be effectively treated and recycled completely either for washery operations or maintenance of green belt around the plant. The washing technology so chosen should conform to 'Zero Liquid Discharge'	Shall be complied .
3.8	No ground water shall be used for coal washing unless otherwise permitted in writing by competent authority	

	(CGWA) or MoEFCC. The make-up water requirement of washery should not exceed 1.5 m ³ /tonne of raw coal.	Shall be complied.
3.9	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.	Shall be complied .
3.10	The project proponent shall take all precautionary measures to ensure riverine/ riparian ecosystem in and around the coal mine up to a distance of 5 km. A riverine/riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation / water resource department in the state government	Shall be complied .

4. Noise And Vibration Monitoring And Prevention

S. No	EC Conditions	Compliance
4.1	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.	Shall be complied .
4.2	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.	Shall be complied .

5. Green Belt

S. No	EC Conditions	Compliance
5.1	Total greenbelt shall be developed in at least 7.64 ha (42.44 % of washery area), during the first two years of operation. Additional 7.48 ha shall be developed as plantation, post washery life within 2 years of closure of operations. Native and fast growing species saplings of height not less than 4 feet shall be used for plantation.	Shall be complied .

6. Public Hearing And Human Health Issues

S. No	EC Conditions	Compliance
6.1	Adequate illumination shall be ensured in all washery locations (as per DGMS standards) and monitored weekly. The report on the same shall be submitted to this ministry & it's RO on six-monthly basis. The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records. Besides regular periodic health check-up, 20% of the personnel identified	Shall be complied .

	from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any.	
6.2	Personnel (including outsourced employees) working in core zone shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.	Shall be complied .
6.3	Implementation of the time bound action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the action plan submitted with budgetary provisions during the public hearing. Land oustees shall be compensated as per the norms laid down in the R&R policy of the company/State Government/Central Government, as applicable.	Shall be complied .

7. Miscellaneous

S. No	EC Conditions	Compliance
7.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Complied ,Newspaper cutting attached as Annexure-I
7.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied. (Attached as Annxure-II)
7.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Shall be complied .
7.4	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Shall be complied .
7.5	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Shall be complied .
7.6	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Shall be complied .
7.7	The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.	Shall be complied .

7.8	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Agreed.
7.9	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Agreed.
7.10	No change in coal beneficiation process and scope of work shall be made without obtaining prior approval of the Ministry of Environment, Forests and Climate Change (MoEFCC) with such conditions mentioned therein. No change in the maximum quantum of raw material feed per annum against the approved washery capacity shall be made.	Agreed.
7.11	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed.
7.12	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed.
7.13	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agreed.
7.14	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Agreed.
7.15	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Agreed.
7.16	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Agreed.
7.17	Coal stacking plan shall be prepared separately for raw coal, clean coal, middling and rejects.	Shall be complied .
7.18	Efforts should be made to reduce energy consumption by conservation, efficiency improvements and use of renewable energy.	Agreed.

Note:- The operation of the project has not started yet.