

केवल नागपुर कोर्ट के अधिकार क्षेत्र में



वेस्टर्न कॉलफील्ड्स लिमिटेड/Western Coalfields Limited

एक विनिर्जन कंपनी (A miniratna Company)

कॉल इंडिया की एक अनुषंगी कंपनी (A Subsidiary of Coal India Limited)

क्षेत्रीय महाप्रबंधक का कार्यालय (Office of the Area General Manager)

पाथाखेड़ा क्षेत्र (Pathakhera Area)

CIN-U10100MH1975GO1018626

020

पता: वे को लि, पाथाखेड़ा क्षेत्र,

पो: पाथाखेड़ा, जिला: बेतुल, मध्य प्रदेश, 460449

Email: agmpakhakhera.wcl@coalindia.in

Address: WCL, Pathakhera Area,

PO: Pathakhera, Dist: Betul, Madhya Pradesh, 460449

FAX: 07146-270566, Ph: 270455

संदर्भ सं: वेकोलि/पाथा/म प्र/पर्या/2026/ 357

दिनांक: 25.05.2026

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प्रति,

Regional Officer,  
Integrated Regional Office (Bhopal), MOEF&CC,  
Kendriya Paryavaran Bhavan,  
Link Road No-03, E-5, Ravi Shankar Nagar,  
Bhopal - 462016 (M.P.)


**विषय-** Submission of Six Monthly EC Compliance Report of Tawa UG Coal mine Expansion project (EC Letter No: J- 11015/ 30/89/-IA. II(M) Date:- 04.02.1994) for production capacity 0.80 MTPA in an area of 642 Ha for the period 1<sup>st</sup> October 2025-31<sup>th</sup> March 2026

**संदर्भ:** EC Letter No: J- 11015/ 30/89/-IA. II(M) Date:- 04.02.1994

महोदय,

In reference to the above subject, please find enclosed herewith Six monthly EC Compliance Report of Tawa UG Coal mine Expansion project of Pathakhera Area, WCL for the period 1<sup>st</sup> October 2025-31<sup>th</sup> March 2026 for kind perusal.

The report is being submitted through email and also uploaded on the Parivesh portal.

  
उपक्षेत्रीय प्रबंधक  
तवा उपक्षेत्र

**प्रतिलिपि:**

1. महाप्रबंधक (पर्यावरण) वे.को.लि. मुख्यालय नागपुर
2. क्षेत्रीय महाप्रबंधक, पाथाखेड़ा क्षेत्र
3. क्षेत्रीय पर्यावरण अधिकारी, पाथाखेड़ा क्षेत्र

**Your (Half Yearly Compliance Report) has been Submitted with following details**

|  |                                     |
|--|-------------------------------------|
| <b>Proposal No</b>                     | IA/MP/MIN/20821/1994                |
| <b>Compliance ID</b>                   | 1228666814                          |
| <b>Compliance Number(For Tracking)</b> | EC/M/COMPLIANCE/1228666814/2026     |
| <b>Reporting Year</b>                  | 2026                                |
| <b>Reporting Period</b>                | 01 Jun(01 Oct - 31 Mar)             |
| <b>Submission Date</b>                 | 26-05-2026                          |
| <b>RO/SRO Name</b>                     | Shri Kailash Chand Meena            |
| <b>RO/SRO Email</b>                    | rj107@ifs.nic.in                    |
| <b>State</b>                           | MADHYA PRADESH                      |
| <b>RO/SRO Office Address</b>           | Integrated Regional Offices, Bhopal |

**Note:-** SMS and E-Mail has been sent to Shri Kailash Chand Meena, MADHYA PRADESH with Notification to Project Proponent.



**5 DECADES OF UNEARTHING ENERGY**



## **WESTERN COALFIELDS LIMITED**

### **TAWA UG MINE PATHAKHERA AREA**

**(Ref: EMP Clearance Letter No:- J- 11015/ 30/89/-IA. II(M) Date:- 04.02.1994)**

### **SIX MONTHLY EC COMPLIANCE REPORT (FOR THE PERIOD : 01/10/2025 to 31/03/2026)**

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**SIX MONTHLY ENVIRONMENTAL CLEARANCE CONDITIONS  
COMPLIANCE REPORT  
TAWA MINE - PATHAKHERA AREA**

**:: PART- I ::**

|                                      |   |
|--------------------------------------|---|
| Name of the Project                  | Tawa - Under Ground Project   |
| Location and Address                 | Vill. Loniya, P.O. Pathakhera,<br>Distt. Betul(MP)  |
| Address for correspondence           | TAWA UG Mine, Pathakhera Area,<br>WCL, P.O-Pathakhera,<br>Teh-Ghoradongari, Dist-BETUL-<br>460449(MP) |
| MOEF clearance letter no.and date    | J-11015/30/89.IA.-II(M)<br>dated 04.02.1994 for 0.80 MTPA   |
| Period of status report              | <b><u>01/10/2025 to 31/03/2026</u></b>  |
| Date of last report submission       | <b>Submitted on Parivesh Portal of<br/>MOEFandCC on 01/12/2025</b>                                    |
| Date of commencement of project work | 25 <sup>th</sup> May 1992   |

**STATUS OF LAND ACQUISITION :**

| Type of Land | Required as per EMP<br>(Ha) | Actual Acquired |
|--------------|-----------------------------|-----------------|
| Forest       | 574.50 Ha                   | 449.036 Ha.     |
| Non-Forest   | 67.50 Ha                    | 50.946 Ha.      |
| Total        | 642.00 Ha                   | 499.982 Ha.     |

## **STATUS OF LEGAL COMPLIANCES**

|   |  |
|---|--|
| a) Consent under water (Prevention and Control of Pollution) Act      | <b><u>i) Consent granted for Air and Water both vide Consent No : AW – 61308 dt 05/11/2024 up to 31.12.2027.</u></b> |
| b) Consent under water (Prevention and Control of Pollution) Cess Act | Water cess and Ground Water Abstraction Charges payment already made on the basis of Assessment Order                |
| c) Environment Protection Act 1986                                    | Environmental statement submitted to MPPCB on regular basis.   |
| d) Forest ( conservation ) Act, 1980                                  | Approval obtained under CB Act 1957 and FC Act.1980  |

## : Part –II ::

### STATUS OF ENVIRONMENT

#### AIR POLLUTION CONTROL

|  |  |
|--|--|
| a) No. of Ambient Air Monitoring station   | Monitoring being done at 4 stations  |
| b) Name of the locations   | <b>1) SAM OFFICE</b><br><b>2) MANAGER OFFICE TAWA - II</b><br><b>3) MPEB COLONY</b><br><b>4) HIRAPALLA / BHOGAIKHAPA VILLAGE</b>   |
| c) Ambient Air quality status for the parameters prescribed by State Pollution Control Boards (Average 95% time weighted values)**<br>Location of sampling stations are to be delineated on the working mine plan.<br>**Details report of sampling and analysis of ambient air quality carried out as per statute through standard and approved laboratory to be enclosed. | The ambient air quality is being monitored at every fortnightly. The observed values of different parameters are well within the permissible limits. <b>Report is enclosed.</b><br>Location of sampling points are shown on enclosed Plan. |

## WATER POLLUTION CONTROL

|   |  |
|---|--|
| a) No. of stations and frequency of Monitoring  | No. of locations – one.<br>Fortnightly monitoring  |
| b) Description of locations*  | 1. Mine water discharge,<br>Location delineated on Plan enclosed   |
| c) Average concentrations of major pollutants prescribed by State Pollution Control Board** | The quality of mine pumped out water is monitored every fortnightly. The results are enclosed. From the analysis reports it can be seen that values of the different parameters are well below the permissible limits. |

\*Location of sampling stations to be delineated on the working mine plan.

\*\* Details report of sampling and analysis of effluent quality as per statute through standard laboratory to be enclosed-Enclosed

## NOISE POLLUTION CONTROL

|   |  |
|---|--|
| a) No. of Noise Monitoring Stations*  | Monitoring is done at two station<br>Delineated on Plan enclosed |
| b) Description of locations   | 1)Near Fan house<br>2) TAWA Colony                               |
| c) LEQ noise level** Limit day/night<br>Industrial - <b>75 / 70 dB ( A )</b><br>Residential – <b>55/45 dB ( A )</b> | Copy of CMPDIL monitoring is enclosed herewith.                  |

\* Locations points to be delineated on the working mine plan

\*\* Details report of monitoring of noise level as per statute- enclosed

## **:: PART- III ::**

### **STATUS OF IMPLEMENTATION OF PROVISIONS OF EMP**

#### **LAND USE STATUS**

| S.N o. | Particulars  | As per EMP                          | Current Year | Progressive |
|--------|--|-------------------------------------|--------------|-------------|
| 1      | Area Excavated (Ha)  | Not applicable since it is U/G Mine |              |             |
| 2      | Top Soil removed (MM3)   |                                     |              |             |
| 3      | Over burden removed (MM3)  |                                     |              |             |
| 4      | Over burden backfilled (MM3)                                     |                                     |              |             |
| 5      | Over burden dumped (MM3)   |                                     |              |             |
| 6      | Area recovered for reclamation (Physical reclamation)            |                                     |              |             |
| 7      | Area reclaimed biologically (Tree plantation on backfilled area) |                                     |              |             |

#### **PRODUCTION :-**

1. Targeted capacity – 0.800 MTPA
2. Present capacity – 0.240984MTPA (Production 2024-25)

#### **AFFORESTATION**

| S.N o. | Particulars              | Current Year   | Progressive                             | Remarks         |
|--------|--------------------------|----------------|---|-----------------|
| 1      | OB dumps and embankments | Not Applicable | Not Applicable                          | Not Applicable  |
| 2      | Safety Zones             | Not Applicable | Not Applicable                          | Not Applicable  |
| 3      | Backfilled areas         | Not Applicable | Not Applicable                          | Not Applicable  |
| 4      | Other Areas              | 50             | 530 Planted and 3110 Plants Distributed | Near SAM office |

Note: i) this is underground mine and the details mentioned above (OB dumps and Backfilled area) are Applicable to opencast mines.

**Area under plantation (Progressive)\*: 0.212 Ha.**

No. of plants per hectare

2500 plants per hectare will be planted on available vacant land.

Species planted

Fruit bearing, flower bearing, medicinal and timber yield plants

## **REHABILITATION AND RESETTLEMENT**

| S<br>N | Particulars   | Current Year      | Progressive       |
|--------|---|-------------------|-------------------|
| 1      | No. of land oustees                                   | Not<br>Applicable | Not<br>Applicable |
| 2      | No. of land oustees rehabilitated                     | Not<br>Applicable | Not<br>Applicable |
| 3      | No. of PAPs/PAFs to be resettled                      | Not<br>Applicable | Not<br>Applicable |
| 4      | No. of PAPs/PAFs resettled                            | Not<br>Applicable | Not<br>Applicable |
| 5      | Area of New site (Ha)                                 | Not<br>Applicable | Not<br>Applicable |
| 6      | Status of development                                 | Not<br>Applicable | Not<br>Applicable |
| 7      | Civic amenities provided at new<br>resettlement site. | Not<br>Applicable | Not<br>Applicable |

Note : there is no rehabilitation and resettlement in this project.

### **ORGANISATION SETUP AT PROJECT LEVEL Name and Designation of the personnel to be given**

|                               |                             |                      |
|-------------------------------|-----------------------------|----------------------|
| <b>SHRI ARUN KUMAR SHARMA</b> | <b>SUB AREA MANAGER</b>     | <b>TAWA SUB AREA</b> |
| <b>SHRI AJENDRA JHA</b>       | <b>MINE MANAGER</b>         | <b>TAWA MINE</b>     |
| <b>SHRI YOGENDRA TIWARY</b>   | <b>NODAL OFFICER (ENV.)</b> | <b>TAWA MINE</b>     |

## **EXPENDITURE**

|                            | <b>ACCOUNT HEAD</b>   | <b>CURRENT YEAR</b> | <b>PROGRESSIVE</b>   |
|----------------------------|---|---------------------|--|
| <b><u>CAPITAL HEAD</u></b> |   |                     |  |
| 1                          | Reclamation   | Nil                 | NIL  |
| 2                          | Air Pollution control   | 12.8 Lakhs          | Rs. 22.78 Lakhs<br>(up to 31.03.2026)                      |
| 3                          | Water pollution control   | Rs. 35.99 Lakhs     | Rs. 46.28 Lakhs<br>(up to 31.03. 2026)                     |
| 4                          | Compensation against damage of forest growth and afforestation measures including compensatory afforestation. | Nil                 | Rs. 23.37 Lakhs<br>(up to 31.03. 2026)                     |
| 5                          | Data generation for EMP   | Nil                 | NIL  |
| 6                          | Other ( <b><u>Rain Water Harvesting, CHP, Water meter and Piezometer</u></b> )                                | Nil                 | Rs. 36.40 Lakhs<br>(up to 31.03. 2026)                     |
| 7                          | CAAQMS Charges  | Nil                 | Rs. 22.94 Lakhs<br>(upto 31.03. 2026)                      |
| <b><u>REVENUE HEAD</u></b> |   |                     |  |
| 1                          | Afforestation   | Nil                 | Rs. 0.02 Lakhs<br>(upto 31.03. 2026)                       |
| 2                          | Air , Water, and Noise Monitoring   | Rs. 64.92 Lakhs     | ( From 2007-08 )<br>Rs. 280.92 Lakhs<br>(upto 31.03. 2026) |
| 3                          | Legal Expenses consent fees   | Nil                 | Rs. 89.48 Lakhs<br>upto 31.12.2024                         |
| 4                          | Ground water Abstraction Charges / water Cess   | Rs. 30.46 Lakhs     | From 01.10.09<br>Rs 109.12Lakhs<br>(up to 31.03. 2026)     |
| 5                          | Environment audit statement   | Nil                 | ( From 2007 – 08 )<br>Rs 5.90 Lakhs<br>(up to 31.03. 2024) |
| 6                          | Ground Water Monitoring   | Rs. 0.26 Lakhs      | From 01.04.2015<br>Rs. 4.55 Lakhs<br>(up to 31.03. 2026)   |
| 7                          | Repair of Road  | Nil                 | Rs 121 Lakhs<br>upto 31.03. 2026                           |
| 8                          | Water pollution control   | Nil                 | Rs. 1.32 Lakhs<br>upto 31.03. 2026                         |
| 11.                        | CAAQMS Charges  | 3.18 Lakhs          |  |

## **:: PART- IV ::**

### **STATUS OF COMPLIANCE OF TAWA UG PROJECT MOEF ENVIRONMENTAL CLEARANCE CONDITIONS GIVEN IN EMP APPROVAL LETTER**

Name of the Project :- TAWA U/G

MOEF Clearance Letter No. :- J – 11015/30/89 – I ( A ) – II ( M ) Dt. 04/02/94

| <b>S.No.</b> | <b>Conditions</b>   | <b>Status of Compliances</b>  |
|--------------|---|---|
| 1            | The mining activities should be limited to 13.110 ha. in forest area, as per the provisions under Forest (Conservation) Act. 1980.  | Surface activity is restricted to 13.110 Ha. Only.  |
| 2            | The air quality within the leasehold should be monitored for conforming to the standards prescribed by the competent authority. The control measures suggested in the EMP should be strictly implemented. | <p>The following <b>Air Pollution control measures</b> are being implemented by the Mine management:</p> <ol style="list-style-type: none"><li><b>1. Tawa UG is an underground mine. All the mining activities i.e. Drilling, Blasting, Loading, unloading, transportation of coal from district to surface has been carried out in the closed condition w.r.t. an open cast mine., Where all the activities are being carried out in open environment.</b></li><li><b>2. Spray points have been provided in conveyor belt to prevent emission due to transportation.</b></li><li><b>3. Sprinklers and rain guns have been provided along with the haul road to prevent emission through road transportation. In addition to these measures, a fog cannon machine with 100 m throw radius has been installed near the coal stockyard and coal transportation road</b></li><li><b>4. TAWA UG mine does not contain Coal Crushing facility on surface, which automatically prevent addition of pollution load to atmosphere.</b></li><li><b>5. Total 530 nos of trees have been planted in the Mine Campus to check the emission.</b></li><li><b>6. Dust sweeping is being carried out manually on regular basis to maintain Good housekeeping and improved working conditions.</b></li></ol> |

| S.No. | Conditions  | Status of Compliances  |
|-------|---|--|
|       |   | <p><b>7. Transportation of coal through tarpaulin covered trucks to reduce fugitive emission.</b></p> <p><b>8. Project proponent has constructed exclusive coal transportation road to prevent the fugitive emission. This road is also properly maintained by the Mine management. This coal transportation road is not passing through any habitations or human settlements. The details of road is as follow:</b></p> <p><b>a. External Coal transportation road<br/>From Tawa UG Mine to Kali mai Temple = 5.93 km Asphalted road</b></p> <p><b>b. Internal Coal transportation road<br/>Main gate to way bridge = 400 m RCC Road</b></p> <p><b>c. Internal Coal transportation road<br/>Main gate to Manager office = 525 m Asphalted road</b></p> <p>The mining activities including coal transportation are far away located from the Bhogaikhapa Village. Total 02 RCC Roads have been constructed by the PP in the Bhogaikhapa village. The details of the above Roads is as follow:</p> <p><b>1) Construction of Cement concrete road of length 400 m has been completed at Bhogaikhapa village. Total Cost : 12.55 Lacs , Year of construction : 2021</b></p> <p><b>2) Construction of Cement concrete road of length 645 m has been completed at Bhogaikhapa village. Total Cost : 22.82 Lacs , Year of construction : 2024</b><br/><b>(Photographs enclosed.)</b></p> |
| 3     | <p>The quality of effluent discharged into the nallah/main water course should be maintained below the standards as provided under GSR 422 (E) dated 19.5.93. Adequate treatment facilities as detailed in EMP and supplementary information should be installed before mining commences.</p> | <p>The quality of mine pumped out water is monitored every fortnightly as per environment (protection) amendment Rule 2000. <b>Environment Monitoring Reports for period Oct 2025 to Feb 26is enclosed.</b> From the analysis reports, it is evident that, quality of mine pumped out water is within permissible limits.</p> <p>The following control measures are being implemented:</p> <p>1. Underground Sump with Adequate</p>  |

| S.No. | Conditions   | Status of Compliances   |
|-------|--|---|
|       |  | <p>Capacity has been provided at the lower most point of mine to ensure 100% treatment of strata seepage water in underground.</p> <p>2. 02 nos. of Surface Settling Tanks have been provided with following Capacity:</p> <p style="padding-left: 40px;">i. 9 m X 12 m X 2.5 m</p> <p style="padding-left: 40px;">ii. 15 m X 10.3 m X 3.15 m</p> <p>3. Pressure Filter of 5000 GPH have been provided and regularly maintained.</p>  |
| 4     | <p>The CHP, conveyors and Fan house etc should be designed to minimize noise level and fugitive emissions. The control measures including development of green belt should be implemented.</p>   | <p>The Coal Handling Plant does not contain crushing arrangements. Only 02 Nos. of Coal storage Bunkers have been provided which are duly covered to minimize noise level and fugitive emission.</p> <p>Further, conveyors have been so designed to minimize noise level and fugitive emission. Conveyor belt has been duly covered and water spraying arrangement has been installed at all transfer points to control fugitive emission. Fan house has been designed to reduce noise pollution.</p> <p>Plantation area in surrounding area has been developed. In order to minimize the noise during operation, ear plugs and muffles are being provided to the workers deployed at the site.</p> |
| 5     | <p>No change in method and scope of working should be made without prior approval of the Ministry.</p>   | <p>No change has been made. Underground Mining has been carried out with Board and Pillar method.</p>   |
| 6     | <p>The project authorities should carry out hydrological and hydro geological study of the whole area which should includes the seepage and leakage adjacent of Tawa respectively. The report should be submitted within 1 year of issued of this clearance.</p> | <p><b>Hydrological and Hydro geological study</b> has been conducted by NABL Accredited Lab and reports are being submitted to MOEFandCC and CGWA on regular interval with Half Yearly EC Compliance reports.</p> <p>In addition to that, Monitoring of groundwater level through established network of existing wells is being done and reports of <b>Ground water quality monitoring and ground water levels</b> are being regularly submitted to CGWB on annual basis.</p> <p><b>Copy of reports enclosed for reference.</b></p>  |
| 7     | <p>Mitigative measures envisaged in the S.F.R.I, Jabalpur report should be implemented to control adverse impacts of biotic pressure.</p>  | <p>Point Wise Compliance of SFRI Report is enclosed herewith.</p> <p>In Addition to that, Efforts are being made to create awareness about environmental conditions as well as for environmental conservation measures. Environmental week is being celebrated to create awareness amongst</p>  |

| S.No. | Conditions   | Status of Compliances   |
|-------|--|---|
|       |  | employees and their family members. In addition to that Plants are being regularly distributed among local peoples and villagers to improve the existing vegetation cover and aesthetics of Area.   |
| 8     | The afforestation and green belt development around the mine leasehold should lay special emphasis on mixed culture than mono culture.   | 530 nos of trees have been planted in Mine Premises. Species planted are of local / mixed species viz Mango Jamun, Guava, etc, The mine is situated in dense forest, Presently no vacant land available for plantation. ( <b>Geo-tagged photographs enclosed.</b> )   |
| 9     | The subsidence management and control measures as envisaged in the EMP, should be ensured.   | Depillaring operations are being carried out only after taking due permission of Directorate General of Mines Safety (DGMS). All directions stipulated in the DGMS permission are being strictly adhered. Regular monitoring of subsidence movement on the surface over the working is being done as per statute.   |
| 10    | A separate Environmental Management cell should be created to carry out the function related to EMP.   | Separate environment cell exists at WCL HQ headed by HOD (Env.) with a team of Engineers. At Area level the cell is headed by GM (Oprn.) and Area Nodal Officer (Env.) and at unit level headed by Project Officer, with Nodal Officer, (Env.)  |
| 11    | As per the EMP, Annual Revenue Cost provision of Rs. 23.37 lakh (Dec.1992) has been made for EMP measures. This should not be diverted for other purposes and year-wise expenditure should be submitted to the Ministry. A quarterly report on the progress report of implementation status should be sent to this Ministry. | Annual EMP Revenue is not being diverted for other purposes and year-wise expenditure is being submitted to the MoEFandCC along with half yearly EC Compliance Reports in regular manner.<br>Total Expenditure of Rs. 612.31 lakhs has been incurred under Environment Revenue head and Rs. 151.7 Lakhs has been incurred under Environment Capital Head since inception to 2025-26 in respect of Tawa UG Mine. |
| 12    | The Ministry may stipulate additional conditions, if so necessitated either by change in scope of the project or on the basis of feedback on the implementation of EMP. The Ministry may revoke the clearance if implementation of stipulated conditions is not satisfactory.  | Condition Noted. PP is Agree to comply the condition.   |