



WESTERN COALFIELDS LIMITED



SIX MONTHLY EC COMPLIANCE REPORT

PERIOD

1st April 2022 TO 30th September 2022

TAWA UG MINE

PATHAKHERA AREA

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

:: 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

S. No.	Conditions	Status of Compliances
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.	The ambient air quality is monitored within the mine lease/activity area every fortnightly as for environment protection amendment rules 2000. Latest Environment Monitoring Report is enclosed. From the results it is observed that the values are within the permissible limits. The control measures as suggested in the EMP are implemented/ being strengthened.
3	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.	The quality of mine pumped out water is monitored every fortnightly as per environment (protection) amendment Rule 2000. Latest Environment Monitoring Report is enclosed. From the analysis reports it may be seen that quality of mine pumped out water is quite satisfactory with & within permissible limits.
4	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	The coal handling plant, conveyors have been so designed to minimize noise pollution. Conveyor belts, has been covered & water spraying arrangement has been installed at all transfer points. to control emission . Fan house has been

	implemented.	designed with an evasees to reduce noise pollution. Plantation area surrounding developed. In order to minimize the noise during operation ear plugs & muffles are provided.
5	No change in method and scope of working should be made without prior approval of the Ministry.	No change has been made.
6	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.	Hydrological & Hydro geological study has been conducted by CMPDIL & report submitted to MOEF. In addition to that , Monitoring of groundwater level through establishing network of existing wells is being done through CMPDIL & reports of Ground water quality monitoring and ground water levels is already being regularly submitted to CGWB on annual basis.
7	Mitigative measures envisaged in the S.F.R.I, Jabalpur report should be implemented to control adverse impacts of biotic pressure.	<u>Point Wise Compliance of SFRI Report is enclosed herewith.</u> In Addition to that, Efforts are being made to create awareness about environmental conditions as well as for environmental conservation measures. Environmental week has been celebrated to create awareness amongst employees & 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.	420 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 . (Geo-tagged photographs enclosed .)
9	The subsidence management and control measures as envisaged in the EMP, should be ensured.	Depillaring operations is carried out only after taking due permission of Directorate General of Mines Safety (DGMS) .All directions stipulated in the DGMS permission are strictly adhere to . 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 Area 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.	Not being diverted.
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.	Noted.