

# Six Monthly Compliance Report of Environmental Clearance

## THESGORA-MATHANI UNDERGROUND MINE

[0.27 MTPA in Area of 110.00 HA]

EC No.: J-11015/29/93-IA.II(M), Date-20.01.1995



Western Coalfields Limited  
Pench Area

Po: Parasia, Chhindwara (MP)- 480441

**PERIOD: 01.10.2022 to 31.03.2023**

**EC Compliance Report Thesgora-Mathani Underground Mine  
vide No: J-11015/29/93-IA.II (M) Date. 20.01.1995**

S.N.	CONDITION	COMPLIANCE
1.	The underground mine proposal involves diversion to 165.354 Ha. of Forest Land. The project should be commenced only after necessary forestry clearance is granted as under Forest (conservation) Act. 1980	The condition has been complied with FC obtained vide letter on. 8-85/94 FC date 17/24.5.1995.
2.	The levels of SPM and other noxious gases within the mine leasehold area should be regularly monitored to confirm the prescribed limit.	<p>The ambient air quality monitoring stations have been fixed covering both the mines. The monitoring is being done on fortnightly basis as Environment (Protection) Amendments Rule 2000 and has been enclosed from the analysis report. It is seen that the recorded values of different parameters viz SPM, RPM SO<sub>x</sub> &amp; NO<sub>x</sub> are well within the permissible limits in both the quarters.</p> <p><b>The Stations are –</b></p> <p><b>Thesgora The mine is discontinued</b></p> <p><b>Mathani</b></p> <ol style="list-style-type: none"> <li>1. Manager Office</li> <li>2. SAM Office</li> <li>3. Colony (Fitter Plant)</li> <li>4. Mathani Village</li> </ol>
3.	The quality of effluent discharge into the receiving water body shall confirm to the standards prescribed under notification no GSR(E) dated 19/05/1993. Adequate treatment facilities should be installed to prevent water pollution by mine discharge water due to suspended solids, hardness and TDS, coli forms as dealt in the EMP.	The mine pumped out water is entirely used in house and there is no effluent being discharged into any receiving surface water body. Water quality is monitored on fortnightly basis by CMPDIL, RI-IV, Nagpur. The report of QE December,16/March,2017 is enclosed herewith. It may be worthwhile to mention here that in UG working sufficient storage (sump) has been provided where strata water gets accumulated which allows significant setting time for settlement of suspended particles. Moreover, the pumped-out water is first treated in a sedimentation tank at surface. Part of this water is reused within the mine for dust suppression, plantation etc and rest is fed into filter plant for meeting the domestic water demand in the township
4.	The subsidence control measure as per the EMP and supplementary note should be implemented. The likely subsided area should be restored to the maximum extent. The reclamation of the subsided area and subsequent plantation should be	The mine was opened in 1993. In UG mines first development is taken up wherein pillars are developed leaving galleries. During this stage the solid coal pillars (generally of size 30m x30m) protect the surface as such no effect is observed on surface. Thesgora mine is closed. Depillaring in

	carried out.	Mathani mine has started. Subsidence control measures are being taken. As such there is no marked effect of subsidence on the surface.
5.	The CHP, Belts and Fan house etc should be designed to minimize noise level and control measures including development of green belts around potential noise sources. Mine colony interface etc should be implemented to reduce the noise level below the standards prescribed by competent authority.	There is no coal handing plant as such in the mine. There are individual coal dispatch arrangements where ROM coal is loaded into trucks by tippers. To reduce noise, plantation has been carried out near these dispatch points. Also the entire network of belts is below and only about 400 m is above ground. This portion is covered by GI sheets. Ventilation fan is provided with evasee to reduce noise level.
6.	Regular monitoring of environmental parameters should be done and recorded data furnished to Ministry and its regional office once in a six month.	Monitoring data on quarterly basis is submitted to the regional office /MoEF, Bhopal on a regular basis. Monitoring report of QE December,16/March,2017 is enclosed as annexure along with the six monthly compliance reports.
7.	No change in methodology and working should be made without approval of ministry.	No change in methodology and working will be made without approval of ministry.
8.	The green belt around the mine and associated industrial units and township should be developed. The afforestation scheme should lay special emphasis on mixed culture rather than monoculture.	Plantation has been done in open spaces available at the mine premises. 5200 nos. of plants have been planted each at Thesgora UG and Mathani UG in 2014-15. The plantation have been done in open spaces near coal dispatch arrangement, fan house etc.
9.	The Project proponent should undertake additional socio-economic measures including community development and health Care/School in Mathani village specifically which falls under the project area. An action report may be submitted to Ministry in this regard.	Such type of works (socio economic measures) are taken under corporate social responsibility. Preference is given to the nearby villages. However area within 15 km is taken for undertaking CSR works.
10.	An environmental management cell has to be established to carry out function relating to the environmental management action plan. The head of the cell should directly report to the chief Executive.	An Environmental Management Cell is in existence at project level, at Area level and at company HQs. The cell at project level is headed by SAM and assisted by the manager of the mine. -The Area Cell is headed by AGM & assisted by Area Nodal Officer. -Company HQs Cell is headed by GM (Env.) and duly assisted by a team of qualified personnel.
11.	Adequate fund provision (Capital & Recurring) should be made for implementation of all safeguard	There is separate account for the funds earmarked for environment protection measures and is being utilized and recovered for the said purpose only.

	measures. As per the cost estimates based on May 1994 Rs.139.93 lakhs. The funds shall not be diverted and upgraded along with project cost revision if any.	
<b>12.</b>	The Ministry reserving the right to stipulate any other condition as may be required in the interest of environments protection. Failure to comply with environmental stipulation as above would result in withdrawal of clearance granted.	It is duly noted that the Ministry reserves the right to stipulate any other condition as may be required in the interest of environmental protection and that failure to comply with environmental stipulation as above would result in withdrawal of clearance granted.
<b>13.</b>	Environment compliance status report visa-vis project progress should be submitted for scrutiny of this ministry and Regional office once in six months regularly.	Being complied with by submitting the six monthly reports on a regular basis. Report for six months October, 2016 to March,2017 is enclosed here with.
<b>14.</b>	The above conditions would be enforced inter alia under the provision of water (prevention and control of pollution) Act. 1974 the air (prevention and control of pollution Act 1981 and the Environmental (Protection) Act 1986	It is duly noted.