



ECL

Eastern Coalfields Limited

Office of the General Manager

महाप्रबंधक का कार्यालय

Satgram-Sripur Area, P.O.: Devchandnagar

सतग्राम-श्रीपुर क्षेत्र, पत्रालय- देवचंदनगर,

Dist.-Paschim Bardhman, West Bengal-713332

जिला- पश्चिम बर्धमान, पश्चिमबंगाल-713332

(An ISO 9001, ISO 14001 & OHSAS 18001 Certified Company)

Ref: - ECL/SSA/ENV/Letter/24-25/02

Dated: 21.05.2024

To,

1. The Additional PCCF,
Central MOEF, Regional Office, Govt of India
Ministry of Environment and Forest, Eastern Region
A/3, Chandrasekharpur, Bhubaneshwar-75 1023, Odisha
2. The Member Secretary
West Bengal Pollution Control Board
Paribesh Bhavan, 10A, L.A Sector-III, Bidhannagar, Kolkata-700106
3. The Regional Director
Central Pollution Control Board
G97V+H5Q, Kasba, New Market
Sector E, East Kolkata Twp, Kolkata
West Bengal- 700107

Sub: Half yearly compliance report (Oct'2023- March'2024) of Cluster 7 under Satgram-Sripur Area, ECL

Dear Sir,

Please find attached herewith the six-monthly EC compliance report (Oct'2023- March'2024) along with the environmental monitoring report, satellite monitoring report and PME details of the following mines under Satgram-Sripur Area, ECL.

- Cluster 7 (Bhanora West UG & OC)

Enclosed: As mentioned above.

Yours sincerely

General Manager
Satgram-Sripur Area

Copy: General Manager (ENV&F), ECL HQ – Kindly requested to upload the report on company's website.

महाप्रबंधक
General Manager
सातग्राम-श्रीपुर क्षेत्र, ईसीएल
Satgram-Sripur Area, ECL



ECL

Eastern Coalfields Limited

Office of the General Manager

महाप्रबंधक का कार्यालय

Satgram-Sripur Area, P.O.: Devchandnagar


सतग्राम-श्रीपुर क्षेत्र, पत्रालय- देवचंदनगर,

Dist.-Paschim Bardhaman, West Bengal-713332

जिला- पश्चिम बर्धमान, पश्चिमबंगाल-713332

UNDERTAKING

The information provided in half yearly EC compliance report for the period of Oct'2023 to March'2024 in respect of following mines under Cluster 7 is true to the best of my knowledge:

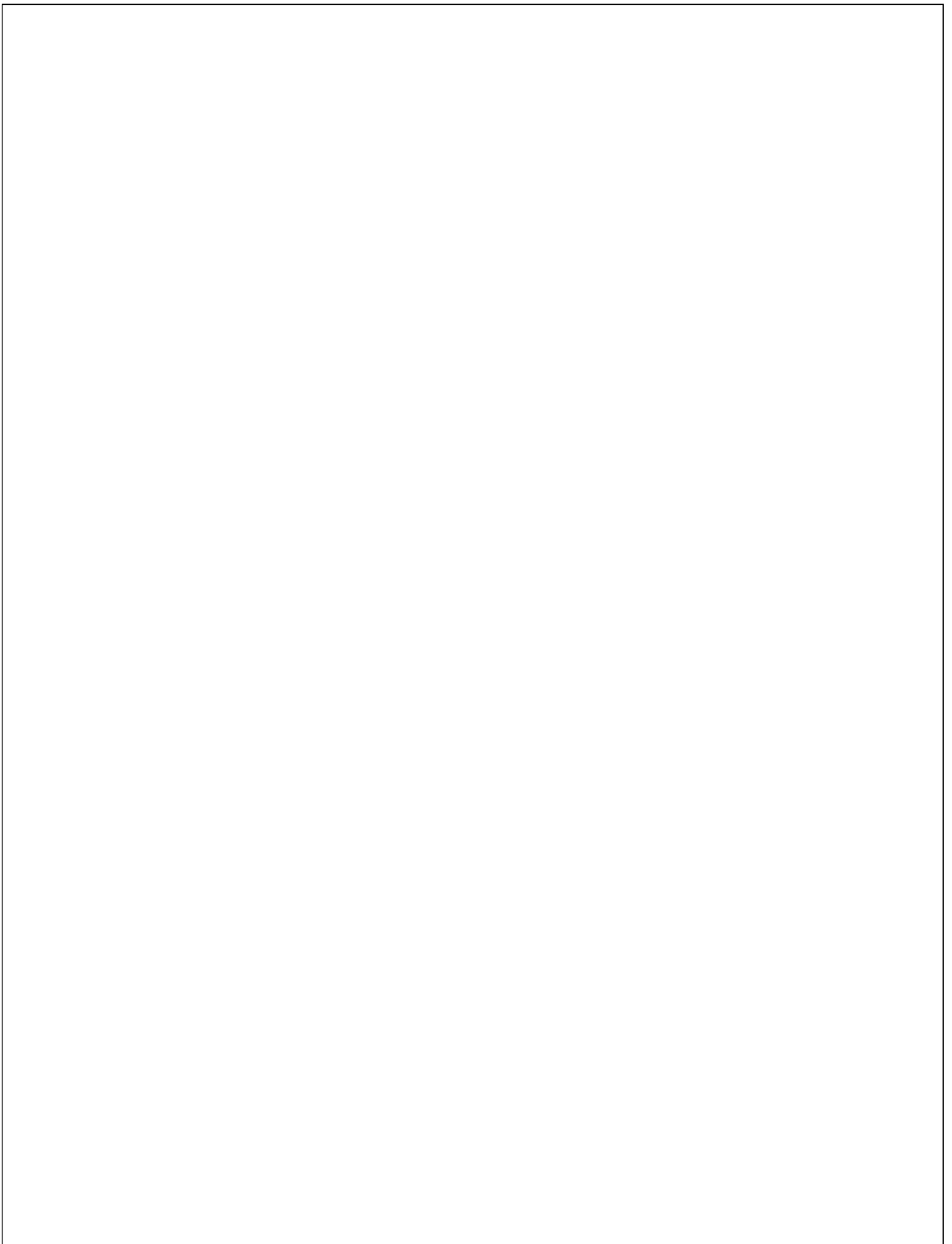
SI No	Name of mine	Name of Manager	Signature of Manager
1	Bhanora West UG and Bhanora West OCP	Sri Arun Kumar	

Agent/ Project Proponent
Bhanora Group of Mines
(Signature with seal)

**HALF - YEARLY
ENVIRONMENT CLEARANCE COMPLIANCE
REPORT
OF
CLUSTER NO. 7
(Group of Mines)
J-11015/386/2010-IA-II. (M)
For
October'2023 to March'2024**



Eastern Coalfields Limited
(A Subsidiary of Coal India Ltd.)



Condition (I)	The maximum production from the mine at any given time shall not exceed the limit as prescribed in the EC.																				
Compliance	<p>The maximum production production from any given mine did not exceed the limit as prescribed in EC.</p> <table border="1"> <thead> <tr> <th><u>Mines</u></th> <th><u>Peak EC Capacity (MTPA)</u></th> <th><u>Production Oct'23 to Mar' 24)</u></th> </tr> </thead> <tbody> <tr> <td>Barmondia UG</td> <td>0.0</td> <td>Production suspended</td> </tr> <tr> <td>Chakballavpur UG</td> <td>0.0</td> <td>Production suspended</td> </tr> <tr> <td>Manoharbahal UG</td> <td>0.0</td> <td>Production suspended</td> </tr> <tr> <td>Bhanora West UG</td> <td rowspan="2">0.74</td> <td>0.0126918</td> </tr> <tr> <td>Bhanora West OCP</td> <td>0.00</td> </tr> <tr> <td>TOTAL</td> <td>0.74</td> <td>0.0126918</td> </tr> </tbody> </table>	<u>Mines</u>	<u>Peak EC Capacity (MTPA)</u>	<u>Production Oct'23 to Mar' 24)</u>	Barmondia UG	0.0	Production suspended	Chakballavpur UG	0.0	Production suspended	Manoharbahal UG	0.0	Production suspended	Bhanora West UG	0.74	0.0126918	Bhanora West OCP	0.00	TOTAL	0.74	0.0126918
<u>Mines</u>	<u>Peak EC Capacity (MTPA)</u>	<u>Production Oct'23 to Mar' 24)</u>																			
Barmondia UG	0.0	Production suspended																			
Chakballavpur UG	0.0	Production suspended																			
Manoharbahal UG	0.0	Production suspended																			
Bhanora West UG	0.74	0.0126918																			
Bhanora West OCP		0.00																			
TOTAL	0.74	0.0126918																			
Condition (II)	The validity of the EC is for the life of the Mine or as specified in the EIA Notification, 2006, whichever is earlier.																				
Compliance	Agreed																				
Condition (III)	All safety measures shall be taken as per CMR, 1957 & related circulars.																				
Compliance	All safety measures are being taken as per CMR- 2017 & related Circulars.																				
Condition (IV)	The production shall be within the same Mining Lease area.																				
Compliance	The production is within the same Mining lease.																				

Condition (V)	Coal shall be transported by rail only. Coal transportation from mine to siding should be by conveyor belt. The loading to siding by pay loaders into railway wagons.
Compliance	Coal transportation is done by rail. Transportation of coal from mine is being done by tarpaulin covered trucks on dedicated black-topped road especially constructed for the purpose. Coal transportation from mines to siding through belt conveyors is not feasible because, the capacity of the mines is less.
Condition (VI)	Independent network of railway siding inside cluster be developed. Railway sidings should be constructed at the earliest and till then proponent may use mechanically covered trucks for transportation of coal.
Compliance	Transportation of coal from mine to railway siding is being done by tarpaulin covered trucks. Presently MS railway siding is used for coal despatch under this Cluster. Renovation of Bhanora Railway Siding is under process for Sripur Area.
Condition (VII)	Three tier green belts shall be raised around the railway sidings and along the road sides to prevent dust and noise pollution
Compliance	A healthy natural plantation is already present around the siding to prevent dust and noise pollution and no further plantation is possible due to non-availability of space at the siding. In addition to this MS siding is bounded by a thick brick wall of 10 feet height approx.
Condition (VIII)	Stowing and depillaring shall be as per recommendation of the DGMS.
Compliance	At present Development is in progress and depillaring has not been done till date. Stowing and depillaring will be done as per DGMS guidelines.
Condition (IX)	The proponent must comply with the Raniganj Action Plan. The unstable areas within the cluster will be brought under plantation after the population residing over these areas is rehabilitated under the Master plan for Raniganj Coalfield to be implemented by ADDA.

Compliance	Complied as per Master Plan for Raniganj Coalfield implemented by ADDA, Govt. of West Bengal.
Condition (X)	Trees with deep rooted system should be planted so as to prevent soil erosion.
Compliance	Green belt has been developed in-order to curb soil erosion.
Condition (XI)	Proponent should plant additional 10 Ha/year over the next 10 years at various locations in this Cluster.
Compliance	Noted and agreed. Plantation is being done every year as per availability of land.
Condition (XII)	River/nallahs shall be desilted and restored back to functional state.
Compliance	Garland drains of appropriate size has been constructed to arrest silt and sediment flows from soil, OB dump. The water so collected in the main sump within the mine is utilized for dust suppression in mine Area, roads and green belt development. Garland drains and catch drains are regularly desilted and maintained properly. No discharge is done in river/nallah.
Condition (XIII)	Wildlife conservation plan be prepared and submitted to the MoEF & CC with the approval of the State Govt.
Compliance	Wildlife Management Plan of Raniganj coalfields has been prepared by Durgapur Wildlife Information and Nature Guide Society (WINGS) and the following is with West Bengal Forest Development Corporation Limited for scrutiny.
Condition (XIV)	Proponent shall use high resolution image of all clusters for evaluating land use, plantation etc.
Compliance	CMPDI has been assigned the task of regularly conducting satellite surveillance study of projects of ECL.
Condition (XV)	Separate Drainage Pattern be provided.
Compliance	Drains are present wherever necessary.

Condition (XVI)	Sand stowing must be used as recommended by CMPDI.
Compliance	Not applicable. Development is in process.
Condition (XVII)	Action plan for prevention and mitigation of subsidence be prepared and implemented.
Compliance	No underground mining is carried out below within 45m of the Major Roads, Railway line and nallah flowing through the cluster. Coal pillars are left intact vertically below and within the angle of draw of villages and other surface features. Depillaring is done with sand stowing in all mines. The mining method adopted in consultation with DGMS and their approval.
Condition (XVIII)	The OC patches to be operated will be completely filled-up after exhaustion of reserves and reclaimed with plantation.
Compliance	Currently production has been suspended as the entire mine is waterlogged.
Condition (XIX)	The OB shall be completely re-handled at the end of the mining.
Compliance	Noted and agreed.
Condition (XX)	There shall be no residual OB dump after the mining.
Compliance	Noted and agreed.
Condition (XXI)	After completion of mining activities, the subsided areas shall be graded and planted upon.
Compliance	Noted and agreed.
Condition (XXII)	Coal Extraction shall also be optimized in the areas where agricultural production is continuing. Some pillars shall be left below the agricultural land. No depillaring & coal extraction should be carried out below habitation, H.T. Lines & beneath road, water bodies.
Compliance	Coal Extraction is being carried out as per DGMS permissions and guidelines.

Condition (XXIII)	The rehabilitation of households falling within this cluster to be carried out in two phases within 10 years.
Compliance	It is being done in coordination with ADDA (Asansol Durgapur Development Authority).
Condition (XXIV)	The land excavated after mining must be brought back to original condition for agricultural/plantation purpose.
Compliance	Noted and Agreed. All the above-mentioned mines except Bhanora West Block OCP (Production suspended) of this cluster are UG mines. Hence quality of surface conditions would not be disturbed.
Condition (XXV)	Water discharged from the mine should be as good as surface drinking water.
Compliance	Mine discharge is being monitored regularly by CMPDIL and found well within prescribed limits of MoEF Schedule VI. A Pressure Filter of 5000 GPH is installed at Bhanora Colliery under Sripur Area for treating mine water discharge. However, the quantum of mine water if used for drinking purposes will be treated as per the drinking water standards.
Condition (XXVI)	Regular monitoring of subsidence movement on the surface over and around the working area and impact on natural drainage pattern, water bodies, vegetation, structure, roads, and surroundings) shall be continued till movement ceases completely. In case of observation of any high rate of subsidence movement, appropriate effective corrective measures shall be taken to avoid loss of life and material. Cracks shall be effectively plugged with ballast and clayey soil/suitable material.
Compliance	Regular inspection is being done by the pit safety committee headed by Safety Officer on the surface over and around the working area for any sign of subsidence.
Condition (XXVII)	If subsidence is found exceeding the permitted limits, then the landowners shall be adequately compensated with mutual agreement of the landowners.
Compliance	Noted and agreed

Condition (XXVIII)	Water sprinkling system shall be provided to check fugitive emissions from loading operations, conveyor systems, haulage roads, transfer points, etc. Major approach roads shall be blacktopped and properly maintained.
Compliance	Sprinkling is done on regular basis to check the fugitive emissions at necessary points.
Condition (XXIX)	The CSR cost should be Rs 5 per Tonnes of Coal produced which should be adjusted as per the annual inflation.
Compliance	As per the revised CSR policy of Coal India Ltd, 2% of the average profit of preceding 3 years is the norms for CSR expenditure in the entire ECL command areas.
Condition (XXX)	The mining in the existing mines should be phased out after expiry of the current mining lease and after reclamation of mined over area. The operating mines may be analysed and monitored for compliance of conditions, bearing with movement of wildlife and until such time they are closed/phased out.
Compliance	It shall be complied as per the Mine Closure Plan (MCP).
Condition (XXXI)	Everybody in the core should be provided with mask for protection against fugitive dust emissions.
Compliance	Dust mask for protection against fugitive dust emissions is provided to the personnel working in the mining area.
Condition (XXXII)	Dust mask to be provided to everyone working in the mining area.
Compliance	Dust mask for protection against fugitive dust emissions is provided to everyone working in the mining area.
Condition (XXXIII)	The supervisory staff should be held personally responsible for ensuring compulsory regarding wearing of dust mask in the core area.
Compliance	Supervision is being done regularly to ensure wearing of dust mask near dust producing sources.

Condition (XXXIV)	People working in the core area should be periodically tested for the lung diseases and the burden of cost on account of working in the coal mine area.
Compliance	Periodic Medical Examination (PME) tests which includes PFT were conducted by Area Medical Officer and Initial Medical Examination (IME) is being done for new recruits.
Condition (XXXV)	The mining area should be surrounded by green belt having thick closed canopy of the tree cover.
Compliance	Mining area is surrounded by green cover and further plantation will be done to increase the thickness of the tree cover.
Condition (XXXVI)	Besides carrying out regular periodic health check-up of their workers, 10% of the workers identified from workforce engaged in active mining operations shall be subjected to health check-up from occupational diseases and hearing impairment, if any, through an specialized agency /institution within the District/State and the results reported to this Ministry and to DGMS.
Compliance	20 % of the workforce is covered under Periodical Medical Examinations each year. Suspected cases of occupational health diseases like Pneumoconiosis and Noise Induced Hearing Loss are sent to higher medical board within company for comprehensive check-up. The PME data is being regularly sent to the DGMS.
Condition (XXXVII)	The embankment constructed along the river boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side and stabilized with plantation so as to withstand the peak water flow and prevent mine inundation.
Compliance	Noted and Agreed.
Condition (XXXVIII)	There shall be no overflow of OB into the river and into the agricultural fields and massive plantation of native species shall be taken up in the area between the river and the project.
Compliance	Noted and Agreed. All the above-mentioned mines except Bhanora West Block OCP of this cluster are UG

	mines and there is no overflow of OB into the river and into the agricultural fields.
Condition (XXXIX)	Catch drains and siltation ponds of appropriate size shall be constructed to arrest silt and sediment flows from soil, OB and mineral dumps. The water so collected shall be utilized for watering the mine area, roads, green belt development, etc. The drains shall be regularly desilted and maintained properly. Garland drains (size, gradient and length) and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material.
Compliance	Above mentioned mines of this cluster except Bhanora West Block OCP are UG mines. At OCP, drains have been constructed which are regularly desilted and cleaned every year before monsoon.
Condition (XL)	Garland drains (size, gradient and length) around the safety areas such as mine shaft and lowlying areas and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine sites. Sump capacity shall also provide adequate retention period to allow proper settling of silt material.
Compliance	Drains of adequate dimensions have been provided to evacuate maximum single day rainfall. Cleaning of drains is part of monsoon preparedness. Inspection of drains is carried out by safety personnel as part of pre-monsoon activity.
Condition (XLI)	Dimension of the retaining wall at the toe of the dumps and OB benches within the mine to check run-off and siltation shall be based on the rainfall data.
Compliance	Noted and agreed
Condition (XLII)	Crushers at the CHP of adequate capacity for the expansion project shall be operated with high efficiency bag filters, water sprinkling system shall be provided to

	check fugitive emissions from crushing operations, conveyor system, haulage roads, transfer points, etc.
Compliance	Not Applicable as there is no CHP.
Condition (XLIII)	Mine discharge water outside the ML shall be monitored, particularly for TDS and treated to conform to prescribed levels before discharge into the natural environment.
Compliance	Mine water discharge quality complies with prescribed standards. Regular monitoring is done by CMPDIL.
Condition (XLIV)	Drills shall be wet operated.
Compliance	Spraying is done for dust suppression before drilling underground.
Condition (XLV)	The project authorities shall undertake regular repairing and tarring of roads used for mineral transportation. A 3-tier green belt comprising of a mix of native species shall be developed all along the major approach roads.
Compliance	As per requirement, regular repairing and tarring of roads are being taken on priority basis. Green belt is been developed comprising of native species like Neem, Mango, Ashoka, Radhachura, Krishnachura, etc trees. Both sides of approach roads are also well vegetated naturally.
Condition (XLVI)	Controlled blasting shall be practiced with use of delay detonators and only during daytime. The mitigative measures for control of ground vibrations and to arrest the fly rocks and boulders shall be implemented.
Compliance	Controlled blasting is in practice with use of delay detonators.
Condition (XLVII)	A progressive afforestation plan shall be implemented covering an area of 456 ha at the end of mining, which includes reclaimed Excavation area (50 ha); Built up area (52.1 Ha); Subside area (23.9 ha) and barran/vacant land (330 ha) and in township located outside the lease by planting native species in consultation with local DFO/Agriculture Department. The density of the trees shall be around 2500 plants per ha. Massive plantation

	shall be carried out in open spaces in and around the mine and a 3-tier avenue plantation along the main approach roads to the mine.
Compliance	Most of the area is naturally vegetated and these are not affected due to mining operations. However, plantation with native species will be made on availability of land. A green belt alongside of 1.5 km approach road at Bhanora West OCP is developed with native species.
Condition (XLVIII)	The proponent should prepare restoration and reclamation plan for the degraded area. The land be used in a productive and sustainable manner.
Compliance	The restoration and reclamation for degraded areas are done as per Mine Closure Plan (MCP).
Condition (XLIX)	Compensatory Ecological & Restoration of waste land, other degraded land and OB dumps in lieu of breaking open the land be carried out.
Compliance	It will be done as per the Mine Closure Plan (MCP)
Condition (L)	No groundwater shall be used for mining operations.
Compliance	No ground water is being used for mining operations.
Condition (LI)	An estimated total 11.20 Mm ³ of OB will be generated during the entire life of the mine. There shall be no residual external dump left at the mined site after exhaustion of the quarries. The OB dump height is upto 60 m. The maximum slope of the dump shall not exceed 28 degrees. Monitoring and management of reclaimed dump sites shall continue till the vegetation becomes self-sustaining and compliance status shall be submitted to MoEF& CC and its Regional Office on yearly basis.
Compliance	Noted and agreed.
Condition (LII)	Of the total quarry area 50 ha the backfilled quarry area of 50 ha shall be reclaimed with plantation by planting native species in consultation with local DFO/Agriculture Department. The density of the trees shall be around 2500 plants per ha.

Compliance	Noted and agreed.
Condition (LIII)	Regular monitoring of groundwater level and quality shall be carried out by establishing a network of existing wells and construction of new peizometers. The monitoring for quantity shall be done four times a year in pre-monsoon (May), monsoon (August), post-monsoon (November) and winter (January) seasons and for quality in May. Data thus collected shall be submitted to the Ministry of Environment, Forests & Climate Change and to the Central Pollution Control Board quarterly within one month of monitoring.
Compliance	Regular monitoring of ground water quality and level is being done by CMPDIL, Asansol. The monitoring reports indicate that the quality of the water is meeting the drinking water quality standards. The measurement of water level is being carried out and the water level data shows that there no significant impact on ground water level.
Condition (LIV)	The company shall put up artificial groundwater recharge measures for augmentation of groundwater resource in case monitoring indicates a decline in water table. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.
Compliance	Ground water level monitoring is being done regularly by CMPDIL on quarterly basis. Measures will be taken if any decline in water table is reported.
Condition (LV)	Sewage treatment plant shall be installed in the existing colony. ETP shall also be provided for workshop and CHP wastewater.
Compliance	In old collieries septic tank followed by soak pits is present. In case of new colonies in the future integrated STP will be constructed. No CHP is present.
Condition (LVI)	Land oustees shall be compensated as per the norms laid out R&R Policy of CIL or the National R&R Policy or R&R Policy of the State Government whichever is higher.

Compliance	It is being complied as per R&R Policy of CIL/National R&R Policy.
Condition (LVII)	For monitoring land use pattern and for post mining land use, a time series of land use maps, based on satellite imagery (on a scale of 1:5000) of the core zone and buffer zone, from the start of the project until end of mine life shall be prepared once in 3 years (for any one particular season which is consistent in the time series), and the report submitted to MoEF&CC and its concerned Regional office.
Compliance	Changes in the land use pattern will be tracked by carrying out satellite imagery at every three years' interval. CMPDI, Ranchi is assigned with this task.
Condition (LVIII)	A detailed Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment, Forest & Climate Change within 6 months of grant of Environment Clearance.
Compliance	Mine closure plan as per guidelines of Ministry of Coal has been prepared and approved by the ECL board in the 264 th Board meeting on 24 th Sept 2013 and money has been deposited in Escrow account in 9-11-2013.
Condition (LIX)	The project authorities shall in consultation with the Panchayats of the local villages and administration identify socio-economic and welfare measures under CSR to be carried out over the balance life of the mine.
Compliance	As per the revised CSR policy of Coal India Ltd. 2% of the average profit of preceding 3 years is the norms for CSR expenditure in the entire ECL command areas. The requirement of Socio Economic is being done by TISS in 2012-13 & accordingly CSR activities are being undertaken in consultation with local panchayats.

SATGRAM- SRIPUR AREA		
Sl. No.	Year of Work	Expenditure (in lakhs)
8	2019-20	Rs. 8.29
9	2020-21	Rs. 0.00
10	2021-22	Rs. 0.00
11	2022-23	Rs. 0.00
12	2023-24	Rs. 14.81
Condition (LX)	Corporate Environment Responsibility:	
a.)	The Company shall have a well laid down Environment Policy approved by the Board of Directors.	
Compliance	Complied	
b.)	The Environment Policy shall prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms / conditions.	
Compliance	Complied	
c.)	The hierarchical system or Administrative order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.	
Compliance	The Environment Department is headed by GM (Env) at HQ level and Environment Management Cell (EMC) has been established at Area level which is responsible for looking after the compliances of the EC conditions of all the Clusters present in the area. The head of this EMC reports directly to the GM of the area.	
d.)	To have proper checks and balances, the company shall have a well laid down system of reporting of non-compliance/violations pf environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.	

Compliance	The Environment Audit Cell (EAC) has been established at area level for periodic audit of the Clusters for compliance of the EC conditions and other regulatory compliances. The non-compliances are being reported to the agents of the concerned cluster and also to the GM of the area. A copy of the audit report also being sent to the GM (Env), HQ. If the compliance is not done in the time bound manner then it is further reported to the higher authorities by GM (Env), HQ.
-------------------	--

General Conditions:

Condition I	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment, Forests & Climate Change.
Compliance	There has been no change in mining technology.
Condition II	No change in the calendar plan of production for quantum of mineral coal shall be made.
Compliance	It is being complied with.
Condition III	Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for PM ₁₀ , PM _{2.5} , SO ₂ and NO _x monitoring. 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. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc carried out at least once in six months.
Compliance	It is being complied with.
Condition IV	Data on ambient air quality (PM ₁₀ , PM _{2.5} , SO ₂ and NO _x) and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly submitted to the Ministry including its concerned Regional Office and to the State Pollution Control Board and Central Pollution Control Board once in six months. Random verification of samples through analysis from independent laboratories recognised under the EPA rules, 1986 shall be furnished as part of compliance report.
Compliance	Ambient air quality (PM ₁₀ , PM _{2.5} , SO ₂ and NO _x) and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data are regularly submitted to

	the Ministry including its concerned Regional Office and to the State Pollution Control Board and the Central Pollution Control Board once in six months.
Condition V	Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with ear plugs/muffs
Compliance	Regular Environmental monitoring is being carried out fortnightly basis by CMPDI, Asansol.
Condition VI	Industrial wastewater (workshop and wastewater from the mine) shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May 1993 and 31 st December 1993 or as amended from time to time before discharge. Oil and grease trap shall be installed before discharge of workshop effluents.
Compliance	Mine discharge water samples from the mines is collected and tested in laboratory at CMPDI, RI-I, Asansol on quarterly basis. Mine water quality conforms to the standards prescribed under GSR 422(E) dated 19th May 1993 and 31st December 1993.
Condition VII	Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transporting the mineral shall be covered with tarpaulins and optimally loaded.
Compliance	Coal is transported from mines to nearby Railway Siding in tippers. This is ensured that coal in tippers is wet and covered with tarpaulin before leaving the mine to prevent vehicular pollution. HEMMS and other vehicle are maintained properly in the workshops to check vehicular emissions.
Condition VIII	Monitoring of environmental quality parameters shall be carried out through establishment of adequate number and type of pollution monitoring analysis equipment in consultation with the State Pollution Control Board and data got analysed through a laboratory recognised under EPA Rules, 1986.
Compliance	Monitoring of environmental parameters is carried out on regular basis. Analysis of these parameters is carried out at CMPDIL laboratory having all necessary facilities.
Condition IX	Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training information on safety and health aspects.

Compliance	Training and awareness programmes are carried out for the personnel working in dusty areas. All personnel working in such areas are provided mask to protect themselves.
Condition X	Occupational health surveillance programme of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and to take corrective measures, if needed and records maintained thereof. The quality of environment due to outsourcing and the health and safety issues of the outsourced manpower should be addressed by the company while outsourcing.
Compliance	20 % of the workforce is covered under Periodical Medical Examinations each year.
Condition XI	A separate environmental management cell with suitable qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the company.
Compliance	A separate Environment Management Cell with qualified personnel has been established at all the Areas of ECL. The cell reports to D(T), P&P of the company through General Manager (Environment & Forests).
Condition XII	The funds embarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.
Compliance	Funds for environmental protection as kept in budget each year is not diverted for other purposes.
Condition XIII	The project authorities shall advertise at least in two local newspapers widely circulated around the project, one of which shall be in vernacular language of the locality concerned within seven days of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at the website of the Ministry of Environment, Forests & Climate Change at http://envfor.nic.in
Compliance	All the ECs are published in two local newspapers widely circulated around the project area.
Condition XIV	A copy of the environment clearance letter shall be marked to concern Panchayat/Zila Parishad, Municipal Corporation or Urban local body and local NGO, if any, from whom any suggestion/representation has been received while processing the proposal. A copy of the clearance letter shall also be displayed on company's website.

Compliance	Complied
Condition XV	A copy of the environment clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, district Industry sector and Collector's Office/Tehsildar's office for 30 days
Compliance	Complied
Condition XVI	The clearance letter shall be uploaded on the company's website. The compliance status of the stipulated environmental clearance conditions shall also be uploaded by the project authorities on their website and updated at least once every six months so as to bring the same in public domain. The monitoring data of environmental quality parameter (air, water, noise and soil) and critical pollutant such as PM ₁₀ , PM _{2.5} , SO ₂ and NO _x (ambient) and critical sectoral parameters shall also be displayed at the entrance of the project premises and mine office and in corporate office and on company's website.
Compliance	All the EC letters along with monitoring data and compliance report is uploaded in the company's website which is regularly updated.
Condition XVII	The project proponent shall submit six monthly compliance reports on status of compliance of the stipulated environmental clearance conditions (both in hard copy and in e-mail) to the respective Regional Office of the Ministry, respective Zonal Offices of CPCB and SPCB.
Compliance	The compliance reports on status of compliance of the stipulated environmental clearance conditions (both in hard copy and in e-mail) shall be submitted six monthly to the respective Regional Office of the Ministry, respective Zonal Offices of CPCB and the SPCB.
Condition XVIII	The Regional Office of this Ministry located in the Region shall monitor compliance of the stipulated conditions. The Project authorities shall extend full cooperation to the office(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
Compliance	It is being complied with.

Condition XIX	The Environmental statement for each financial year ending 31 march in Form-V is mandated to be submitted by the project proponent for the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the MoEF&CC by e-mail.
----------------------	---

Compliance	It is being complied with.
-------------------	----------------------------

Amended EC conditions and Compliance

Condition (i)	PP shall comply all the non-compliance of EC conditions as highlighted by EAC within six months and submit the compliance to EAC again.
----------------------	---

Compliance	All non-compliance of EC conditions as highlighted by EAC have been complied and six-monthly report is regularly submitted to Ministry's regional office.
-------------------	---

Condition (ii)	PP shall submit wildlife conservation plan with its budgetary break up of activities proposed to State-forest department and inform Ministry's Regional office.
-----------------------	---

Compliance	Wildlife conservation plan has been prepared by Durgapur Wings as recommended by DFO Durgapur and the plan is currently under scrutiny at the office of Wbfdcl.
-------------------	---

Condition (iii)	PP shall install Continuous Ambient Air Monitoring stations with environmental parameters, linked to State Pollution Control Board and install online display for information to public at the main gate of coal mine.
------------------------	--

Compliance	The installation of Continuous Ambient Air Monitoring stations have been done at respective locations and commissioning of the same is in process.
Condition (iv)	PP shall monitor occupational safety and health hazards and take corrective action.
Compliance	All safety measures are being taken as per CMR- 2017 & related Circulars. Periodic Medical Examination (PME) tests which includes PFT were conducted by Area Medical Officer and Initial Medical Examination (IME) is being done for new recruits.
Condition (v)	PP shall install atleast 5 nos of fog mist sprayer in the premise (haul road and OB dump area) to reduce air pollution.
Compliance	The only opencast project under Cluster 7 viz Bhanora West OCP is not operational at present. Production has been suspended as the entire opencast patch is waterlogged.
Condition (vi)	PP shall plant create 10 hectares of nursery of Sal forest and shall develop 200 Ha of sal forest in 5 years.
Compliance	Miscellaneous plantation over an area of 10 Ha and more is being done every year as per availability of land. Sal forest will be developed over 200 Ha in due time. Plantation over an area of 10 Ha of Sal species will be carried out in FY 2024-25.
Condition (vii)	PP shall develop green belt on priority in the nearby villages, transportation route, railway siding and submit its report to Ministry's regional office.
Compliance	Green belt has been developed in nearby villages and on transportation routes as well. A healthy plantation exists in railway Siding and six-monthly report is regularly submitted to Ministry's regional office.
Condition (viii)	State board while granting Consent to operate shall ensure the norms of vehicular emission and ambient air quality in area.
Compliance	HEMMS and other vehicle are maintained properly in the workshops to check vehicular emissions. Pollution under control certificates of vehicles are kept updated from time to time.
Condition (ix)	Operational OB dump should not be left barren which will lead to dust emission. Progressive plantation shall be conducted.
Compliance	No OB dump is being left barren. As per directive proper grassing of OB dump is being done. Grassing of OB dump involves seed ball plantation.

Condition (x)	Permission from appropriate authority for extraction of ground water due to mining operations shall be obtained within six months.
Compliance	The application for grant of NOC for groundwater extraction is under consideration at SWID. The impact modelling study is to be submitted to SWID for grant of NOC which is under preparation.

**Condition
(XXVIII)**

Water sprinkling system shall be provided to check fugitive emissions from loading operations, conveyor systems, haulage roads, transfer points, etc. Major approach roads shall be blacktopped and properly maintained.



**Condition
(VII)**

Three tier green belts shall be raised around the railway sidings and along the road sides to prevent dust and noise pollution

