

**HALF YEARLY
ENVIRONMENTAL CLEARANCE
COMPLIANCE REPORT
OF
CLUSTER 9**

EC Letter No: J-11015/38/2011-IA-II(M) dated 23.01.2015

**FOR THE PERIOD OF
1st APRIL 2024 TO 30th SEPTEMBER 2024**



EGL

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

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**



Eastern Coalfields Limited
(A subsidiary of C.I.L.)
Office of the General Manager
Kunustoria Area
P.O.- Toposi, Dist. - Paschim Bardhaman
(West Bengal)

Ref. No. :- *ANC/Agent/4100/Survey/24-25/2108*

Dated:- *08/11/2024*

Undertaking


Information provided in half yearly EC compliance report for the period of April to September 2024 in respect of the following mines of Cluster No 09 is true to the best of my knowledge:

Sl No.	Mine	Name of the Manager	Signature of the Manager*
1	Amritnagar UG	Prashant Singh	
2	Narainkuri UG & OC	Suman Kumar	

Amritnagar
08/11/2024
**Agent/ Project Proponent
Amritnagar Group of Mines**

Ch. Manager(Min)/Agent
Amrit Nagar Group of Mines
Kunustoria Area, ECL


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

UNDERTAKING

Information provided in half yearly EC compliance report for the period Cluster no. 9 EC Apr'24 to Sep'24 in respect of the following group of mines under Satgram-Sripur area of respective is true to the best of my knowledge:

EC Cluster	MINES	NAME OF THE AGENT	SIGNATURE OF THE AGENT/GENERAL MANAGER MINING
Cluster 9	J K Nagar UG & OC and Pure Searsole UG	Shri. Manoj Kumar	

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UNDERTAKING

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EC Cluster	MINES	NAME OF THE AGENT	SIGNATURE OF THE AGENT/CHIEF MANAGER MINING
Cluster 9	Chapuikhas UG & OC	Shri. Radha Gobinda Kar	
	Ratibati UG		
	Tirat-Kuardih UG & OC		


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UNDERTAKING

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EC Cluster	MINES	NAME OF THE AGENT	SIGNATURE OF THE AGENT/CHIEF MANAGER MINING
Cluster 9	Kalipahari UG & OC	Shri. Snehanshu Roy	
	Ghusick-Muslia UG & OC		
	Damra UG		

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<p>EASTERN COALFIELDS LIMITED (A Subsidiary of coal India Limited) Office of the General Manager Satgram Sripur Area, District : PaschimBurdwan P.O Devchandnagar Pin:713332 W.B Email: gm.satgram@gmail.com</p>		<p align="center">ईस्टर्नकोलफील्डलिमिटेड (कोलइंडियाकामिसिडियरी) महाप्रबंधककार्यालय-सातग्रामश्रीपुर क्षेत्र जिला:पश्चिमवर्दमानपोस्टऑफिस:देवचंदनगरपिनकोड:713332 पश्चिमबंगाल ईमेल: gm.satgram@gmail.com वातावरणविभागसातग्रामक्षेत्र</p>
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Date: 25.11.2024

UNDERTAKING

Information provided in half yearly EC compliance report for the period Cluster no. 9 EC Apr'24 to Sep'24 in respect of the following group of mines under Satgram-Sripur area of respective is true to the best of my knowledge:

EC Cluster	MINES
Cluster 9	Nimcha UG &Amkola /Nimcha OC Patch


Shri. Dharmendra Kumar Singh
Agent/General Manager Mining


Shri. Arun Kumar
Manager Mining

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Condition no. i)	The maximum production from the mine at any given time shall not exceed the limit as prescribed in the EC.		
Compliance	<u>Complied</u>		
	<u>Mine</u>	<u>Peak EC Capacit y (MTPA)</u>	<u>Production in MT (Apr 2024 to Sep 2024)</u>
	Ratibati UG	0.04	Production suspended
	Chapuikhas UG& OCP	0.06	0.014844
	Amritnagar UG	0.60	0.031379716
	Tirat-Kuardih UG & OCP	0.15	Production Suspended
	Nimcha UG & Amkola /Nimcha OC Patch	1.43	0.2456700
	Ghusick-Musila UG & OC	1.93	0.00
	Kalipahari UG and OC	0.40	0.00
	Jemehari UG	0.04	Production Suspended
	JK Nagar UG & OC and Puresearsol UG	0.42	0.0915570
	Damara UG	0.05	0.00
	Mahabir -Narainkuri UG & OCP	2.88	0.05099021
	Total	8.00	0.7168
Condition no. 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 no. iii)	The quality of water should conform to the prescribed standards before discharged into nallahs.		
Compliance	Regular monitoring of quality of water is carried out by CMPDIL and found to conform to standards prescribed by CPCB. (enclosed)		
Condition no. iv)	The EC be only for peak value only. PP should ensure the mine water discharge shall comply to the prescribed standards.		
Compliance	Production from all the mines are done as per EC peak value.		
Condition no. v)	All commitments made in the Public Hearing shall be fully implemented.		
Compliance	All efforts are made to implement the commitments made in the Public Hearing under CSR and R&R Policy of the Company.		
Condition no. vi)	Adequate measures shall be taken to mitigate subsidence as per DGMS stipulations.		
Compliance	Regular inspection is being done by pit Safety committee headed by Safety		

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	Officers on the surface over and around the working area for any sign of subsidence.
Condition no. vii)	There shall be no voids and OB dumps after the end of mining.
Compliance	All mines are backfilled and reclaimed with plantation by State Forest Department (WBWDCL)
Condition no. viii)	The lands shall be brought back for agricultural use at the end of mining.
Compliance	Agreed and Noted
Condition no. ix)	Existing voids shall be brought back to atleast to a level adequate for pisciculture.
Compliance	Agreed and Noted
Condition no. x)	New voids shall be completely filled up to near ground position.
Compliance	Agreed and Noted
Condition no. xi)	50% of old voids shall be filled up and other 50% of old voids shall be filled upto 15 meter for the purpose of pisciculture.
Compliance	Agreed and noted
Condition no. xii)	There shall be no flyash utilization in the mine voids. Fire in the OBDs shall be quenched by blanketing and shall be re-vegetated.
Compliance	There is no flyash utilization in the mine voids. No fire in the OBDs observed
Condition no. xiii)	The surface drainages shall be preserved.
Compliance	Surface drainages are being preserved and maintained for its natural flow.
Condition no. xiv)	All safety measures shall be taken as per CMR, 1957 and related Circulars.
Compliance	All safety measures are being taken as provided in CMR- 1957 & related Circulars.
Condition no. xv)	The production shall be within the same Mining Lease area.
Compliance	The production is within the same Mining Lease
Condition no. xvi)	Coal shall be transported by rail only. Coal transportation from mine to siding should be by conveyor belt. The loading to siding by payloaders into railway wagons.
Compliance	As of now, Coal transportation from the mines to railway siding are being done by fully tarpaulin covered trucks. The loaded trucks are made wet and then covered with tarpaulins before transportation.
Condition no. xvii)	Independent network of railway sidings 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	There are currently two railway sidings (MS Siding & Nimcha Railway Siding) serving to the mines under cluster 9. Coal is transported to railway sidings from the mines by dedicated black-topped road especially constructed for the purpose.
Condition no.	Three tier green belts shall be raised around the railway sidings and along

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xviii)	the road sides to prevent dust and noise pollution.								
Compliance	<p>Healthy natural vegetation is present along the road sides and railway siding to prevent air and noise pollution and due to restriction of space no additional plantation around railway siding is possible. Further a thick brick wall of 10 feet height approx. is present around the siding to prevent air and noise pollution.</p> <p>Kunustoria Area: Details of Plantation around Railway Siding and along coal transportation road:</p> <table border="1"> <thead> <tr> <th>SI. No.</th> <th>Financial Year</th> <th>Description</th> <th>Area in Ha./Length in Km.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2021-22</td> <td>J K Nagar (MS Siding)</td> <td>800 m</td> </tr> </tbody> </table>	SI. No.	Financial Year	Description	Area in Ha./Length in Km.	1	2021-22	J K Nagar (MS Siding)	800 m
SI. No.	Financial Year	Description	Area in Ha./Length in Km.						
1	2021-22	J K Nagar (MS Siding)	800 m						
Condition no. xix)	Stowing and depillaring shall be as per the recommendations of the DGMS.								
Compliance	Stowing and depillaring are being done as per the recommendations of the DGMS								
Condition no. xx)	The proponent must comply with 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	Is complied with the master plan for Raniganj coalfields which is implemented by ADDA, Govt. of West Bengal								
Condition no. xxi)	Trees with deep rooted system should be planted so as to prevent soil erosion.								
Compliance	Trees with deep-rooted system are planted in consultation with state forest dept. to prevent soil erosion.								
Condition no. xxii)	Proponent should plant additional 10 Ha/ year over the next 10 years at various locations within this Cluster.								
Compliance	<p>Plantation in Kunustoria Area in 2022-23 under Cluster 09: 17 Ha in Amritnagar Colliery.</p> <p>Plantation in Satgram-Sripur Area in FY 23-24</p> <table border="1"> <thead> <tr> <th>Plantation Site</th> <th>Area and No of sapling</th> </tr> </thead> <tbody> <tr> <td>Nimcha Amkola OCP</td> <td>10 Ha, 25,000</td> </tr> <tr> <td>JK Nagar UG</td> <td>16.03 Ha, 40,075</td> </tr> </tbody> </table>	Plantation Site	Area and No of sapling	Nimcha Amkola OCP	10 Ha, 25,000	JK Nagar UG	16.03 Ha, 40,075		
Plantation Site	Area and No of sapling								
Nimcha Amkola OCP	10 Ha, 25,000								
JK Nagar UG	16.03 Ha, 40,075								
Condition no. xxiii)	River/ nallahs shall be desilted and restored back to functional state.								
Compliance	All rivers/nallahs under the mine lease are maintained for its natural flow								
Condition no. xxiv)	Wild life conservation plan be prepared and submitted to the MOEFCC with the approval of State Gov.								
Compliance	No forest land under Satgram Area								
Condition no. xxv)	Proponent shall use high resolution image of all clusters for evaluating land use, plantation etc.								
Compliance	Land use pattern and plantation is being monitored by satellite surveillance based on satellite imagery								
Condition no. xxvi)	Separate drainage pattern be provided.								

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Compliance	Separate drainage pattern will be provided where required.										
Condition no. xxvii)	Sand stowing must be used as recommended by CMPDI.										
Compliance	Sand stowing is being used as recommended by CMPDI.										
Condition no. xxviii)	Action plan for prevention and mitigation of subsidence be prepared and implemented.										
Compliance	Action plan for prevention and mitigation of subsidence has been prepared and implemented as per DGMS guidelines.										
Condition no. xxix)	The OC Patches to be operated will be completely filled-up after exhaustion of reserves and reclaimed with plantation.										
Compliance	All OC patches are										
Condition no. xxx)	The OB shall be completely re-handled at the end of the mining.										
Compliance	Noted and Agreed										
Condition no. xxxi)	There shall be no residual OB dump after the mining.										
Compliance	Noted and Agreed										
Condition no. xxxii)	After completion of mining activities, the subsided areas shall be graded and planted upon.										
Compliance	Noted and Agreed										
Condition no. xxxiii)	Coal Extraction shall also be optimized in areas where agricultural production is continuing. Some pillars shall be left below the agricultural land. No depillaring and coal extraction should be carried out below habitation, H.T. lines and beneath road, water bodies.										
Compliance	Coal Extraction is being carried out as per DGMS permissions and guidelines										
Condition no. xxxiv)	The land excavated after mining must be brought back to original condition for agricultural / plantation purpose										
Compliance	Noted and Agreed										
Condition no. xxxv)	Mine discharge water is being treated in slow sand filter/ pressure filter along with chlorination and used for drinking water.										
Compliance	<p>Mine water discharge is being treated by RO, rapid sand, slow sand and pressure filters for drinking purpose where ever necessary under Satgram Area.</p> <p>Mine discharge water is being treated in slow sand filter/ pressure filter along with chlorination and used for drinking water.</p> <p>Details of water treatment facility at Kunustoria Area is given below.</p> <table border="1" data-bbox="418 1627 1453 1780"> <thead> <tr> <th>SI. No.</th> <th>Name of the Location/ colliery/ unit of the Plant</th> <th>Rated Capacity</th> <th>Technology used</th> <th>Source of water</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Mahabir Colliery</td> <td>7500 GPH</td> <td>Pressure Filter Plant</td> <td>Mine water</td> </tr> </tbody> </table> <p>Part of the Mine Water Discharge is used for Dust Suppression. Furthermore, mine water is not acidic, as such there is no requirement of acid mine drainage treatment facility. Mine water quality monitoring is being done by CMPDI, RI-1. The discharged mine waters is fortnightly tested for parameters</p>	SI. No.	Name of the Location/ colliery/ unit of the Plant	Rated Capacity	Technology used	Source of water	3	Mahabir Colliery	7500 GPH	Pressure Filter Plant	Mine water
SI. No.	Name of the Location/ colliery/ unit of the Plant	Rated Capacity	Technology used	Source of water							
3	Mahabir Colliery	7500 GPH	Pressure Filter Plant	Mine water							

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	namely pH, TSS, TDS, Oil & Grease and COD and conforms to the MoEF Schedule-VI Standards.
Condition no. xxxvi)	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 no. xxxvii)	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 no. xxxviii)	Water sprinkling system shall be provided to check fugitive emissions from loading operations, conveyor system, haulage roads, transfer points, etc. Major approach roads shall be black topped and properly maintained.
Compliance	Water sprinkling system have been provided and major approach road has been blacktopped and properly maintained
Condition no. xxxix)	The CSR cost should be Rs. 5 per Tonne of Coal produced which should be adjusted as per the annual inflation.
Compliance	CSR cost at the rate of 2% of the net profit has kept for the purpose.
Condition no. xl)	The mining in the existing mines should be phased out after expiry of the current mining lease and after reclamation of the mined-out 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	Noted and Agreed
Condition no. xli)	Everybody in the core area should be provided with mask for protection against fugitive dust emissions.
Compliance	In order to provide protection against fugitive dust emission, dust masks are being provided to people working in the core area
Condition no. xlii)	Dust mask to be provided to everyone working in the mining area.
Compliance	Dust mask have been provided to everyone working in the mining area
Condition no. xliii)	The supervisory staff should be held personally responsible for ensuring compulsory regarding wearing of dust mask in the core area.
Compliance	Supervisory staff ensures compulsory wearing of the dust masks in the core area
Condition no. xliiv)	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 mining area.

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Compliance	20 % of the work force is covered under periodic medical examination each year including lung diseases the cost of which is borne by the company				
Condition no. xlv)	The mining area should be grounded by green belt having thick closed thick canopy of the tree cover.				
Compliance	Most of the mines in this cluster are UG mines and as such pollution load is concentrated in mine working faces. However, the region has Natural Vegetation. Additional Plantation is being done at the rate of 10Ha/year.				
	Sno		Year of Creation	Location	Area of Plantation
	1	Satgram Area	2018-19	Mallik Basti OCP	3.5 Ha
	2		2018-19	Sitaldasji OCP	6.5 Ha
	3		2019-20	Nimcha-Amkola OCP	05 Ha
	4		2021-22	Satgram UG	05 Ha
	5		2022-23	Nimcha-Amkola OCP	05 Ha
	6		2022-23	Kalidaspur Project	05 Ha
	7	Sripur Area	2019-20	Sripur Seam Incline	20 Ha
	8		2019-20	Sripur Seam Incline	20 Ha
	9		2021-22	Sripur UG Area	20 Ha
	10		2021-22	Sripur SSI	20 Ha
	11		2022-23	Sripur UG A B Pit Area	5 Ha
	12		2022-23	Sripur Girmint Colliery Area	10 Ha
	13		2017-18	KDI &b Damra	10 Ha

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	14	Kunustoria Area	2020-21	Amritnagar UG	5 Ha
	15		2022-23	Amritnagar UG	17 Ha
	16		2023-24	Amritnagar UG	5.02 Ha
	17		2023-24	Mahabir OCP	4.80 Ha

Condition no. xlvj) Besides carrying out regular periodic health check-up of their workers, 10% of the workers identified from workforce engaged in the active mining operations shall be subjected to health check-up for 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 Periodical Medical Examination (PME) are carried out for all employees once in every 5 years (@ 20% employees/year). This PME is mandatory for all employees. Special cases diagnosed during such PMEs are monitored at shorter intervals as directed by the PME Board of Doctors. All serious diseases and impairments are reported to DGMS at regular intervals. Occupational health survey by ICMR-NIOH, Ahmedabad fourth phase was conducted from 30th July to 9th August, 2024 at Kunustoria Area Hospital for coal mining workers of ECL.



Condition no. xlvii) 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 Agreed and noted

Condition no. xlviii) 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 Agreed

Condition no. Catch drains and siltation ponds of appropriate size shall be constructed to

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<p>xlix)</p>	<p>arrest silt and sediment flow from soil, OB and mineral dumps. The water so collected shall be regularly 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.</p>
<p>Compliance</p>	<p>Sedimentation tank in Amritnagar Colliery at Pit No 3 and 7. Mine discharged water from UG Mine is channeled into 2 Nos. of Sedimentation Tank to settle out the suspended solids thereby reducing the TSS before discharging outside. The water is further used for plantation and upkeep of nursery.</p>
	
<p>Condition no. 1</p>	<p>Garland drains (size, gradient & length) around the safety areas such as mine shaft and low lying areas and sump capacity shall be resigned 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.</p>
<p>Compliance</p>	<p>Garland drain present at Narainkuri OCP.</p>

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Condition no. li)	Dimensions 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	Agreed and complied	
Condition no.lii)	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	No CHP is present in the mine, water sprinkling system will be done by mobile sprinklers in coal transportation roads. Fixed Dust Suppression System and Mist Canon present at Railway Sidings.	

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Contractual Mobile Sprinkling at JK Nagar Railway Siding



Fixed Type Water Sprinklers at JK Nagar Railway Siding

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Picture 1: Mist Canon 01at JK Nagar Railway Siding



Picture 2: Mist Canon 01 at JK Nagar Railway Siding



Picture 3: Trolley Mounted Mist Canon at JK Nagar Railway Siding



Picture 4: 28 Nos Fixed Type Water Sprinklers at JK Nagar Railway Siding



Mist Canon at Coal Stockyard at Amritnagar UG

Condition no. liii)

Mine Discharge water outside the ML shall be monitored, particularly for

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	TDS and treated to conform to prescribed levels before discharge into the natural environment.
Compliance	Mine discharge quality complies with prescribed standards. Regular monitoring is done by CMPDI (Report Enclosed).
Condition no. liv)	Drills shall be wet operated.
Compliance	Sprinkling arrangement is present at all the coal faces and water is sprinkled before and after blasting in underground mines.
Condition no. lv)	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. Both sides of approach roadway are well vegetated naturally.
Condition no.lvi)	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	Delay detonators are being used in OCP with all safety and noise& Vibrations mitigation measures however in UG mines solid blasting is used and no restriction on timing of blasting is required.
Condition no. lvii)	A progressive afforestation plan shall be implemented covering an area of 972.84 ha at the end of mining, which includes Excavation area (441.25 Ha), OB dump area (53.11 ha), Mine Infrastructure/ Built-up area (100 ha); F\Green Belt (20 Ha), built up area (118.37 Ha) and subsidence area (240.11 ha) and in township located outside the lease by planting native species in consultation with the 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-Teir plantation along the main approach roads to the mine.
Compliance	It is proposed to plant 10Ha per year within cluster 9 at the density of 2500 plants/Ha by planting native species in consultation with the local DFO.
Condition no. lviii)	The proponent should prepare restoration and reclamation plan for the degraded area. The land be used in a productive and sustainable manner.
Compliance	Plan Mine closure has already been prepared for the purpose. Restoration and reclamation shall be done accordingly.

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Condition no. lix)	Compensatory Ecological & Restoration of waste land, other degraded lands and OB dumps in lieu of breaking open the land be carried out.
Compliance	Mine Closure Plan has already been prepared for the purpose. Compensatory ecological and restoration of wasteland shall be done accordingly
Condition no. lx)	No groundwater shall be used for mining operations
Compliance	No ground water is being used for mining operation.
Condition no. lxi)	An estimated total 56.98 Mm ³ of OB will be generated during the entire life of the mine. Out of which 32.56 Mm ³ of OB will be dumped in fourteen external dumps 24.42 Mm ³ in eight internal OB Dumps. 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	Agreed and noted
Condition no. lxii)	Of the total quarry area 378 Ha. The backfilled quarry area of 378 Ha shall be reclaimed with plantation by planting native plant species in consultation with the local DFO/Agriculture Department. The density of the trees shall be around 2500 plants per ha.
Compliance	Agreed and noted
Condition no. lxiii)	Regular monitoring of ground water level quality shall be carried out by establishing a network of existing wells and construction of new peizometer. 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.

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

Condition no. lxiv)	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	Roof-top rainwater harvesting and ground water recharging initiative have been taken up by the company at several places which face lowering of GWL during summer period.
Condition no. lxv)	Sewage treatment plants shall be installed in the existing colony. ETP shall also be provided for workshop and CHP wastewater.
Compliance	No CHP is in operation in the mine. A small workshop which caters to small repairing jobs of day to day nature like welding machining etc. discharges negligible amount of water, say about 10 litres/day for which ETP is not required.
Condition no. lxvi)	Land oustees shall be compensated as per the norms laid out R&R Policy of CIL or the National R&R Policy of the State Government whichever is higher.
Compliance	If required, Land outees shall be compensated as per the norms laid out in R & R Policy of CIL.
Condition no. lxvii)	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 the 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	Land use pattern and plantation is being monitored by satellite surveillance based on satellite imagery.
Condition no. lxviii)	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	Complied
Condition no.lxix)	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 on over the balance life of the mine.

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

Compliance	CSR activities are being carried out in consultation with local panchayats.
Condition no. lxx)	Corporate Environmental Responsibility:
(a)	The Company shall have a well laid down Environmental Policy approved by the Board of Directors
Compliance	“Corporate Environmental Policy 2012” of Coal India Limited has already been formulated.
(b)	The Environmental Policy shall prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions.
Compliance	“Corporate Environmental Policy 2012” of Coal India Limited has prescribed standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/condition.
(c)	The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental conditions shall be furnished.
Compliance	The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions has been furnished in “ Corporate Environmental Poliy 2012” of Coal India Limited
(d)	To have proper checks and balances, the Company shall have a well laid down system of reporting of non-compliances/violations of environmental norms to the board of directors of the company and /or shareholders or stakeholders at large.
Compliance	The Company is having a well laid down system of reporting of non-compliance/violation of environmental norms to the Board of Directors of the company.
General conditions	
Condition no. i)	No. change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment, Forest & Climate Change
Compliance	Change in mining technology and scope of working, if any, shall be made with prior approval of the Ministry of Environment, Forests & Climate

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

	Change.
Condition no. ii)	No change in the calendar plan of production of quantum of mineral cost shall be made.
Compliance	There shall be no change in the calendar plan of production for quantum of mineral coal.
Condition no. iii)	Four ambient air quality monitoring stations shall be established in the core s\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	Air quality monitoring is carried out by CMPDIL on fortnightly basis and all desired parameters are well within the prescribed limits.
Condition no. 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 the Central Pollution Control Board once in six months. Random verification Of samples through analysis from independent laboratories recognized under the EPA rules, 1986 shall be furnished as part of compliance report.
Compliance	Air quality monitoring is carried out by CMPDI on fortnightly basis and data on ambient air quality shall be regularly submitted to the Ministry including its concerned Regional Officer and to the State Pollution Control Board and the Central Pollution Control Board once in six months.
Condition no. v)	Adequate measures shall be taken for control of noise levels below 85dBA in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with ear plugs/muffs.
Compliance	Noise level monitoring is carried out by CMPDIL on fortnightly basis. Noise level has always been below 85 dBA.
Condition no. 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 are tested in laboratory at CMPDI on fortnightly basis. Mine water quality conforms to the standards prescribed under GSR 422(E) dated 19 th May 1993 and 31 st December 1993.
Condition no. vii)	Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transporting the minerals shall be covered with tarpaulins and optimally loaded.
Compliance	Vehicular emissions are kept under control and regularly monitored. Vehicles used for transporting the minerals are covered with tarpaulins and optimally loaded.

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**



Tarpulin Covered Coal Transportation- Vehicle No WB37B1215.

Condition no. viii)	Monitoring of environmental quality parameters shall be carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board and data got analyzed through a laboratory recognized under EPA rules, 1986
Compliance	Monitoring of environmental parameters is carried out on regular basis by CMPDI. Laboratory at CMPDIL, Asansol is having all necessary facilities.
Condition no. ix)	Personnel working under dusty area shall wear protective respiratory devices and they shall also be provided with adequate training and information and information safety and health aspects.
Compliance	All protective devices have been provided to workmen and are replaced periodically. Adequate training to all personnel has also been provided. New recruits are trained at the VTC before their deployment. PMEs are carried out on all employees once in 5 years.
Condition no. x)	Occupational health surveillance program of the workers shall be undertaken periodically to observe any contraction s 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	Periodical Medical Examination (PME) for all employees are carried out once in every 5 years (@ 20% employees/year). This PME is mandatory for all employees. Special cases diagnosed during such PMEs are monitored at shorter intervals as directed by the PME Board of Doctors. All serious diseases and impairments are reported to DGMS at regular intervals.
Condition no. 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 environmental management cell with qualified personnel has established for the Area. The cell reports to the GM of the concerned Area under the cluster.
Condition no. xii)	The funds earmarked 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 Regional Office.
Compliance	Funds for environmental protection as kept in budget each year is not


**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

	diverted for any other purposes.
Condition no. xiii)	The Project authorities shall advertise at least in two local newspapers widely circulated around the project, one of which shall be in the 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, Forest and Climate Change at http://envfor.nic.in .
Compliance	All the ECs are published in two local newspapers widely circulated around the project area.
Condition no. xiv)	A copy of the environmental clearance letter shall be marked to concern Panchayat/ZilaParishad, Municipal Corporation or Urban local body and local NGO, if any, from whom any suggestions/representation has been received while processing the proposal. A copy of the clearance letter shall also be displayed on Company's website.
Compliance	A copy of the environmental clearance letter for cluster 10 has been marked to concerned Panchayats.
Condition no. xv)	A copy of the environmental 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	The EC letter is uploaded on the company's website.
Condition no. 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 the environmental quality parameters (air, water, noise & 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	The monitoring data of environmental quality parameter (air, water and noise) and critical pollutant such as PM ₁₀ , PM _{2.5} , SO ₂ and NO _x (ambient) and critical sectoral parameters are being displayed on Company's website.
Condition no. xvii)	The Project Proponent shall submit six monthly compliance reports on statue 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 the SPCB.
Compliance	The EC letter is uploaded on the company's website. The link is given below: www.easterncoal.gov.in
Condition no. xviii)	The Regional Office of the Ministry located in the Region shall monitor compliances 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	Agreed and noted.
Condition no.	The environmental statement for each financial year ending 31 march in

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

xix)	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 the status of the EC conditions and shall be sent to the respective Regional Offices of the MOEFCC by e-mail.
Compliance	Agreed and being implemented.

Some Photographs of Compliance Conditions w.r.t Mines under Satgram Area

	<p>Pay-loading at JK Nagar Railway Siding</p>
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**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**



Sprinkling System at JK
Nagar Railway Siding
No of Sprinkling Points:28
Coverage:1 Km approx.
Throw 30m throw



Sprinkling system at Nimcha
Railway Siding with total 13
nos of fixed type sprinkling
points covering 800 m length
of siding

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**



Tarpaulin Covered Coal transportation from JK Nagar Colliery to MS or JK Nagar Railway Siding



Mist Canon at JK Nagar Railway Siding; Fixed and Mobile Type Mist Sprayer at Modern Satgram or JK Nagar Railway Siding



RO Filter Plant at Nimcha UG

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**



Plantation at JK Nagar
Railway Siding
Year of Plantation-21-22
Length of Siding :Approx
1Km
No of Saplings:1500
Survival:>98%



Plantation at Nimcha
Damalia OB Dump-05 Ha;
Creation in FY 2019-20



**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**



Plantation at Damalia OB
Dump 05 Ha; Creation in FY
2015-16



Madhuvan Vatika -Children's
Park under JK Nagar UG

Madhuvan Vatika -Children's
Park under JK Nagar UG

Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited - Cluster 9 (Apr 2024 to Sep 2024)



Environment Awareness Program on eve of World Environment Day Celebrations



Air Quality Monitoring-
CMPDIL Asansol

Drinking water arrangement
at RKHS under CSR

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**



Drinking water arrangements at Mejia Girls High School under CSR

Kaushal Vikas Kendra- Jemehari Village-Tailoring Centre-Skill development program for household ladies under CSR Program



**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**



Annexures

PME Data for FY 2021-22 under Satgram Area

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

 ECL <small>Eastern Coalfields Limited</small>	EASTERN COALFIELDS LIMITED <small>(A SUBSIDIARY OF COAL INDIA LTD.)</small> SATGRAM-SRIPUR AREA HOSPITAL, P.O.-DEVCHANDNAGAR, DIST-PASCHIM BURDWAN, PIN-713332 (W.B.) <small>(AN ISO 9001, ISO 14001 & OHSAS 18001 CERTIFIED COMPANY)</small>	 G20 <small>WORLD LEADERS TOGETHER</small>
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DETAILS OF P.M.E REPORT FOR THE MONTH OF APRIL-2023 TO MARCH-2024


SATGRAM-SRIPUR AREA HOSPITAL

NAME OF THE PME CENTRE	APRIL 2023	MAY 2023	JUNE 2023	JULY 2023	AUGUST 2023	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	DECEMBER 2023	JANUARY 2024	FEBRUARY 2024	MARCH 2024	TOTAL
SATGRAM-SRIPUR AREA	199	184	197	216	175	118	65	137	311	128	148	151	2029


 AREA MEDICAL OFFICER
 SATGRAM-SRIPUR AREA

Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)
Officer Order-Environment Monitoring Cell

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

<p>ईस्टर्न कोलफील्ड्स लिमिटेड (कोल इंडिया का एक अभिन्न अंग) महाप्रबंधक का कार्यालय सतग्राम क्षेत्र, पत्रालय- देवचंदनगर, जिला- पश्चिम बर्धमान, पश्चिम बंगाल-713332 परियोजना निर्माण एवं विकास विभाग सी - एन आइ .U10101WB1975GOI030295 वेबसाइट -www.easterncoal.nic.in</p>		<p>EASTERN COALFIELDS LIMITED (A subsidiary of Coal India Limited) Office of the General Manager Satgram Area P.O- Deochandnagar Dist.-Paschim Bardhman, West Bengal-713332 PC&D Department CIN-U10101WB1975GOI030295 Website- www.easterncoal.nic.in</p>
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(An ISO 9001,ISO 14001 & OHSAS 18001 certified Company)

SAT/GM/2019-20/ENV/ 189

Dated 08.07.2019

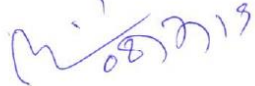
OFFICE ORDER

In pursuance of the letter no. ECL/ENV/EC/19/235 Dated 01.07.2019 issued from GM(Env & F), ECL,HQ, a multi-disciplinary team of following executives of Satgram Area is hereby formed for compliance of environmental norms and corrective measures for mitigation of pollution.

- | | |
|--|------------------|
| 1. General Manager, Satgram Area | Chairman |
| 2. Asst Manager/AE(Env), Satgram Area | Member Secretary |
| 3. AGM/Staff Officer(M), Satgram Area | Member |
| 4. Area Finance Manager, Satgram Area | Member |
| 5. Area Engineer(E&M),Satgram Area | Member |
| 6. AM(PC&D), Satgram Area | Member |
| 7. Area Personnel Manager, Satgram Area, | Member |
| 8. Area Safety Officer, Satgram Area, | Member |
| 9. Area Survey Officer,Satgram Area, | Member |
| 10. Area Medical Officer,Satgram Area, | Member |
| 11. Area Engineer©, Satgram Area, | Member |

The term of Reference for the committee would be as under

- To review the observation made by the area level multi-disciplinary team during the field visits, action taken by Area to comply with conditions where ever discrepancy has been observed and assign responsibility for corrective actions, if any.
- To review status of EC/FC compliance of each mine monthly.
- To find ways to improve environmental safeguards.


General Manager
Satgram Area

Copy to
GM(Env),ECL
All Agents,Satgram Area
All Committee Members

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

**Two Piezometers installed under Satgram Area vide W/o No.:
ECL/HQ/GM(C)/W.O./17-18/e-Tender/91/239/1901 Dated 24.01.2018 i. Ratibati
Training Centre ii. Kalidapsur Agent Office**

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

ईस्टर्न कोलफील्ड्स लिमिटेड

अध्यक्ष-सह-प्रबंध निदेशक का कार्यालय

सांकतोडिया, पत्रालय- डिसेरगढ़,

जिला- बर्दमान, पश्चिम बंगाल-713333

सिविल अभियांत्रिक विभाग

सी.आइ.एन-U10101WB1975GOI030295

वेबसाइट - www.easterncoal.gov.in



EASTERN COALFIELDS LIMITED

Office of the Chairman-cum-Managing Director

Sanctoria, P.O.: Dishergarh,

Dist.: Burdwan, West Bengal-713333

Civil Engineering Department

CIN-U10101WB1975GOI030295

Website - www.easterncoal.gov.in

WO NO.: ECL/HQ/GM(C)/W.O./17-18/e-Tender/91/239/ 1501

Date: 24.01.2018

“By Speed post”

To
M/S Shiv Drillers,
27/1, Rabindra Sarani
Kolkata, 700073

WORK ORDER

Sub. : “Construction and Installation of Piezometric Borewells in ECL command Area under ECL HQ.”

Ref : NIT No.: ECL/HQ/GM(C)/e-Tender/17-18/80 Date: 17.11.2017

Dear Sir,

With reference to your online bid dated 16.12.2017 in response to NIT referred above it is to convey that the Competent Authority has been pleased to award the subject mentioned work in your favour for a total amount of ₹ 2,56,96,720.00 (Rupees Two Crore Fifty Six Lakh Ninety Six Thousand Seven Hundred Twenty only) (Excluding GST). Total GST component on the awarded value is Rs. 46,25,409.60. Hence Cost to Company for the work is Rs. 3,03,22,129.60 (Rupees Three Crore Three Lakh Twenty Two Thousand One Hundred Twenty Nine and paise Sixty only) Only including the impact of GST. The award of subject mentioned work is based on the following stipulations:-

1. The work should be completed in all respect within 175 (One Hundred Seventy Five) Days Only. The date of commencement of the work will be reckoned from the expiry of 10 (Ten) days from date of issue of this work order or from the date of actual handing over the site whichever is later. Time is the essence of the contract.
2. All Terms and Conditions of NIT & Tender Document and other rules applicable for such type of work will also govern this Award of work and form a part of the agreement.
3. You are required to deposit ₹ 9,84,536.00/- only as performance security money which is 5% of the award value less EMD deposited online. This performance security money should be deposited within 28 days of receipt of this work order in the form of Demand Draft drawn in favour of Eastern Coalfields Limited on any scheduled Bank payable on its branch at Asansol or Bank Guarantee/FDR. In case of BG, its validity should be minimum period of one year or 90 days beyond the contract period whichever is more.

ENVIRONMENT DEPT

ECL, H. Q.

DATE 10-2-18

RECEIVED

No. 152

1

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

**Consent to Establish Certificate of Chapuikhas UG & OC for 0.06 MTPA from WBPCB
Valid till 31.08.2026**

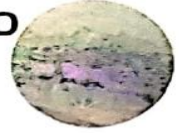
**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

SPEED POST

NOCNO159401

WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan
10A, Block - LA, Sector III, Bidhannagar
Kolkata - 700 106



Memo No. 966 - 2N - 54/2012(E) - Pt - I

Dated 29.08.2019

From :
Member Secretary,
West Bengal Pollution Control Board

To : **Office of the Agent, Ratibati,
M/s. Eastern Coalfields Limited, Satgram Area,
PO-Kalipahari, P.S.- Raniganj, Dist.-Paschim Bardhaman, W.B.,
PIN -713339.**

Sub : Consent to Establish (NOC) from Environmental Point of View

Ref : Your letter No. ECL/SAT/GM/ENV/CTE/19-20/06 recd. 08.05.2019
& ECL/SAT/GM/ENV/CTE/19-20/28 received dd.06.08.2019

WEST BENGAL

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s. Eastern Coalfields Limited, Chapuikhas UG & OCP (Amalgamated) for mining of coal (Amalgamated capacity 0.06MTPA) existing mining area Chapuikhas UG & OCP (Amalgamated), under Satgram Area, PO-Kalipahari, PS-Raniganj, Dist.-Paschim Bardhaman, W.B., this is to inform you that this Board hereby grants the Consent to Establish (NOC) from the environmental point of the above subject to the following conditions and special conditions annexed. **PIN-713339.**

1. The quality of sewage and trade effluent to be discharged from your factory shall satisfy the permissible limits as prescribed in IS : 2490 (Pt. I) of 1974, and/or its subsequent amendment and Environment (Protection) Rules 1986.
2. Suitable measures to treat your effluent shall be adopted by you in order to reduce the pollutional load so that the quality of the effluent satisfies the standards mentioned above.
3. You shall have to apply to this Board for its consent to operate and discharge of sewage and trade effluent according to the provisions of the water (Prevention & Control of Pollution) Act, 1974. No sewage or trade effluent shall be discharged by you without prior consent of this Board.
4. All emission from your factory shall conform to the standards as laid down by this Board.
5. No emission shall be permitted without prior approval of this Board and you shall apply to this Board for its consent to operate and atmospheric emission as per provision of the Air (Prevention & Control Pollution) act, 1981.
6. No industrial plant, furnace, flues, chimneys, control equipment, etc. shall be constructed/reconstructed/erected/re-erected without prior approval of this Board.

(Signature)
Sr. Environmental Engineer
W. B. Pollution Control Board
Dept. of Environment, GoWB


Scanned by CamScann

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

**Consent to Operate Certificate of Chapuikhas UG for 0.06 MTPA from WBPCB Valid
till 28.02.2025**

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

WEST BENGAL POLLUTION CONTROL BOARD
'Paribesh Bhawan'
Blag No - 10A, Block - I.A, Sector-III
Salt Lake City, Kolkata-700 098



Consent Letter Number: CO131955
Memo Number: 100--WPBA/Regd(BWR)/cont(921)/20 Date: 27/07/2023

Consent to Operate
under

Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 and
Section 21 of the Air (Prevention and Control of Pollution) Act, 1981

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended and Rules and Orders made thereunder, hereby grants its consent to:

M/s Eastern Coalfields Limited, Chapakhos UG & OCP
(Address of Regd office/Head Office/City Office)


hereinafter referred to as Applicant) for its unit located at Vill - Ratibati, P.O. - Kalipahari,
P.S. - Raniganj, Dist. - Paschim Bardhaman, Pin - 713332
(Detailed address of the manufacturing unit)


for a period from date of issue to 28.02.2025

to operate the industrial unit and to discharge liquid effluent and to emit gaseous effluent from the premises/land of the industrial unit, in accordance with the conditions as mentioned in the Annexure to this consent letter provided on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in the Table I & II of this consent letter and in the Environmental (Protection) Act, 1986.

Breach of the conditions and / or failure to comply with the directions as set out in the Annexure shall render the applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change after the conditions of this consent letter giving one month's notice to the applicant.

For and on behalf of the State Board

Member Secretary, Chief Exec. Off. Env. Dept. Env. Engr. Ass. Env. Engr.



**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

**Consent to Establish Certificate I of JK Nagar UG & OC for 0.42 MTPA from WBPCB
Valid till 31.08.2026**

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

SPEED POST

NOC NO 159399

WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan
10A, Block - LA, Sector III, Bidhannagar
Kolkata - 700 106



Memo No. 964-2N-54/2012(E)-Pt-I



Dated 29.08.2019

From :
Member Secretary,
West Bengal Pollution Control Board

*cc. to Satgram Area - 13-09-2019
Agent - JK Nagar - NO
for 2. = 13-09-2019*

To : Office of the Agent, JK Nagar & Group,
M/s. Eastern Coalfields Limited, Satgram Area, Vill-Jemehari,
P.O.-Bidhanbagh, P.S.-Raniganj, Dist.-Paschim Bardhaman, PIN-713337,
W.B.

Subj : Consent to Establish (NOC) from Environmental Point of View

Ref : Your letter No. ECL/SAT/GM/ENV/CTE/19-20/01 dated 08.05.2019 &
ECL/SAT/GM/ENV/CTE/19-20/30 received dtd: 05.08.2019.

WEST BENGAL

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s Eastern Coalfields Limited, JK Nagar UG & OCP for manufacturing/strategic installation of mining of coal (capacity 0.42MT/A) the existing mining lease area of JK Nagar UG & OCP, Satgram Area, Vill-Jemehari, P.O.-Bidhanbagh, P.S.-Raniganj, Dist.-Paschim Bardhaman, W.B., PIN-713337. this is to inform you that this Board hereby grants the Consent to Establish (NOC) from the environmental point of the above subject to the following conditions and special conditions annexed.

1. The quality of sewage and trade effluent to be discharged from your factory shall satisfy the permissible limits as prescribed in IS : 2490 (Pt. I) of 1974, and/or its subsequent amendment and Environment (Protection) Rules 1986.
2. Suitable measures to treat your effluent shall be adopted by you in order to reduce the pollutional load so that the quality of the effluent satisfies the standards mentioned above.
3. You shall have to apply to this Board for its consent to operate and discharge of sewage and trade effluent according to the provisions of the water (Prevention & Control of Pollution) Act, 1974. No sewage or trade effluent shall be discharged by you without prior consent of this Board.
4. All emission from your factory shall conform to the standards as laid down by this Board.
5. No emission shall be permitted without prior approval of this Board and you shall apply to this Board for its consent to operate and atmospheric emission as per provision of the Air (Prevention & Control Pollution) act, 1981.
6. No industrial plant, furnace, flues, chimneys, control equipment, etc. shall be constructed/reconstructed/erected/re-erected without prior approval of this Board.

D. M. Ghosh
Sr. Environmental Engineer
W. B. Pollution Control Board
Dept. of Environment, GoWB

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**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

**Consent to Operate Certificate JK Nagar UG & OC for 0.4 MTPA from WBPCB Valid till
30.03.2025**

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

810
20/07/24

WEST BENGAL POLLUTION CONTROL BOARD



'Paribesh Bhawan'
Bldg. No. - 10A, Block - LA, Sector-III
Salt Lake City, Kolkata-700 098

Consent Letter Number : CO131947

Memo Number : 95-WPBA/Red(BWN)/Cont(922)/2020

Date : 07/07/2021

Consent to Operate

under

Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 and
Section 21 of the Air (Prevention and Control of Pollution) Act, 1981

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended and Rules and Orders made thereunder, hereby grants its consent to :

M/s. J.K. Nagar UCL OCP, Eastern Coalfields Ltd.

(Address of Regd. office/Head/Office/City Office)

(hereinafter referred to as Applicant) for its unit located at Vill. Jemchari, P.O. - Bidhannagar,
P.S. - Raniganj, Dist. - Paschim Bardhaman, Pin - 713332.

(Detailed address of the manufacturing unit)

for a period from date of issue upto 31/03/2025

to operate the industrial unit and to discharge liquid effluent and to emit gaseous effluent from the premises/land of the industrial unit, in accordance with the conditions as mentioned in the Annexure to this consent letter provided on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in the Table I & II of this consent letter and in the Environmental (Protection) Act, 1986.

Breach of the conditions and / or failure to comply with the directions as set out in the Annexure shall render the applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alter the conditions of this consent letter giving one month's notice to the applicant.

This consent is for expansion of mining (Coal production - 0.42 MTPA)



For and on behalf of the State Board

(Member Secretary/Chief Engr./Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Environmental Engineer
W. B. Pollution Control Board
Operation & Execution Cell

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

**Consent to Establish Certificate of Nimcha UG & Amkola Nimcha OC for 1.43 MTPA
from WBPCB Valid till 31.08.2026**

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

NOC NO159402

SPEED POST

WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan
10A, Block - LA, Sector III, Bidhannagar
Kolkata - 700 106



Memo No. 967-2N-54/2012(E)-Pt-I

SATGRAM AREA OFFICE
সতগ্রাম क्षेत्रीय कार्यालय
DATE: 13-09-2019
दिनांक: 9/3/38 Dated 29.08.2019
RECEIVED
श्रीकै

From: Member Secretary,
West Bengal Pollution Control Board

*1) Sr. Engineer, Power Div (GWB)
2) Asstt. - Nimcha US
for n.a. b.
(10/9/19)*

To: Office of the Agent, Nimcha & Group,
M/s. Eastern Coalfields Limited, Satgram Area, Vill-Nimcha,
P.O.-Bidhanbagh, PS-Ranigunj, Dist.-Paschim Bardhaman, W.B.,
PIN -713399

Sub: Consent to Establish (NOC) from Environmental Point of View
Ref: Your letter No. ECL/SAT/GM/ENV/CTE/19-20/08 received dtd. 08.05.2019
& ECL/SAT/GM/ENV/CTE/19-20/29 received dtd. 06.08.2019

WEST BENGAL

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s. **Eastern Coalfields Limited, Nimcha UG & Ankola-Nimcha OCP (Amalgamated)** for ~~manufacturing storage and distribution~~ **mining of Coal (Amalgamated capacity 1.43MTPA- 1.08MTPA for Nimcha UG + 0.35 MTPA for Ankola-Nimcha OCP),** at **the combined mining Lease area of (890.2Ha) Nimcha UG & Ankola-Nimcha OCP (Amalgamated), under Satgram Area, Vill-Nimcha, PO-Bidhanbagh,*** this is to inform you that this Board hereby grants the Consent to Establish (NOC) from the environmental point of the above subject to the following conditions and special conditions annexed.
*** PS-Ranigunj, Dist.-Paschim Bardhaman, W.B., PIN-713337.**

1. The quality of sewage and trade effluent to be discharged from your factory shall satisfy the permissible limits as prescribed in IS : 2490 (Pt. I) of 1974, and/or its subsequent amendment and Environment (Protection) Rules 1986.
2. Suitable measures to treat your effluent shall be adopted by you in order to reduce the pollutional load so that the quality of the effluent satisfies the standards mentioned above.
3. You shall have to apply to this Board for its consent to operate and discharge of sewage and trade effluent according to the provisions of the water (Prevention & Control of Pollution) Act, 1974. No sewage or trade effluent shall be discharged by you without prior consent of this Board.
4. All emission from your factory shall conform to the standards as laid down by this Board.
5. No emission shall be permitted without prior approval of this Board and you shall apply to this Board for its consent to operate and atmospheric emission as per provision of the Air (Prevention & Control Pollution) act, 1981.
6. No industrial plant, furnace, flues, chimneys, control equipment, etc. shall be constructed/reconstructed/erected/re-erected without prior approval of this Board.

(Signature)
Sr. Environmental Engineer
W.B. Pollution Control Board
Dept. of Environment, GoWB

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

**Consent to Operate Certificate of Nimcha UG & Amkola Nimcha OC for 1.43 MTPA
from WBPCB Valid till 31.03.2025**

**Satgram Area-Six Monthly EC Compliance Report Eastern Coalfields Limited -
Cluster 9 (Apr 2024 to Sep 2024)**

WEST BENGAL POLLUTION CONTROL BOARD

'Paribesh Bhawan'
Bldg. No. - 10A, Block - LA, Sector-III
Salt Lake City, Kolkata-700 098



Consent Letter Number : CO.131946

Memo Number : 96 - WPBA/Red(Bwn)/Cont(923)/2020.

Date : 07/07/2020.

Consent to Operate

under

Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 and
Section 21 of the Air (Prevention and Control of Pollution) Act, 1981

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended and Rules and Orders made thereunder, hereby grants its consent to :

M/s. Nimcha U/G & Ankola - Nimcha OCP, Eastern Coalfields Ltd.

.....(Address of Regd. office/Head/Office/City Office)

(hereinafter referred to as Applicant) for its unit located at Vill: Nimcha, P.O. - Bidhannagar, P.S. - Ranigunj, Dist - Paschim Bardhaman, Pin - 713337.

.....(Detailed address of the manufacturing unit)

for a period from date of issue upto 31/03/2025

to operate the industrial unit and to discharge liquid effluent and to emit gaseous effluent from the premises/land of the industrial unit, in accordance with the conditions as mentioned in the Annexure to this consent letter provided on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in the Table I & II of this consent letter and in the Environmental (Protection) Act, 1986.

Breach of the conditions and / or failure to comply with the directions as set out in the Annexure shall render the applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alter the conditions of this consent letter giving one month's notice to the applicant.

This consent is for expansion mining (Amalgamated production capacity of coal 1.43 MTPA i.e. for Nimcha U/G - 1.08 MTPA and for Ankola - Nimcha OCP - 0.35 MTPA).



Survey on
Saha
13/07/24

For and on behalf of the State Board

[Signature]
(Member Secretary/Chief Engr./Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Environmental Engineer
W. B. Pollution Control Board
Operation & Execution Cell

★ END ★