

BHARAT COKING COAL LIMITED (A SUBSIDIAR Y OF COAL INDIA LIMITED) OFFICE OF THE GENERAL MANAGER LODNA AREA



Ref. No:- BCCL/LA/GM/13/192.

Dated: - 30.09.2013.

To The HOD (Env) BCCL, Koyla Bhawan Koyla Nagar. Dhanbad

Sub:- Six monthly report on implementation of Environmental Measures for Cluster – IX group of Mines.

Dear Sir.

Please find enclosed herewith the Six monthly report on implementation of Environmental Measures for Cluster – IX group of Mines of Lodna Area, BCCL (EC Order No. J-11015/307/2010-IA.II(M), DATED – 21^{ST} MAY, 2013).

Hope you will find the same in order.

rs faithfully

General Manager

Encl: as above.

Cc to:-

1. General Manager (Min). Lodna Area,

ENVIRONMENTAL CLEARANCE COMPLIANCE OF CLUSTER – IX. (GRANTED VIDE – J-11015/307/2010-IA.II(M), DATED – 21ST MAY, 2013. (Up-to March, 2013).

No.	A. Specific conditions by MOEF.	Compliance. The production from the cluster is within the
-	The Maximum production shall not exceed beyond	limit for which environment clearance has
I I	that for which environmental clearance has been	been granted.
	oranted	Det il giante d.
ii	Action should be taken to segregate and isolate the	
	fire areas eg trench cutting for isolation of fire. Area-	It shal be complied.
	wise Action Taken report for extinguishing the fire	-
	should be provided.	
	"Mission Mode programme' for extinguishing fire is	
	required wherein scientists and other experts be	*
iii	involved. Any international agency may also be	It shall be complied.
	contacted for their expertise in extinguishing the fire	
	in such hig area	
	The recommendations of Indira Gandhi Centre of	The wholl be complied
iv	Atomic Research, Kalpakam should followed dealing	It shall be complied.
	with fire in coal mine in Jharia coalfield.	
	Transportation Plan should be submitted to the	It shall be complied.
v	MOFF	
	The finalized Mine Closure Plan of Cluster - IX	Mine closure plan as per the guideline of
vi	should be submitted to MOEF. The void should be in	Ministry of coal and on the basis of cluster
	30 ha area with 30 mt, depth.	concept is under preparation by CMPDI.
	The road transportation of coal during phase - 1	
	should be by mechanically covered trucks. The road	It shall be complied.
vii	used for coal transportation should be developed with	
	avenue plantation on both sides.	
	The company must give priority to capacity building	It shall be complied.
viii	both within the company and to the local youth, who	n shan be complice.
	are motivated to carry out the work in future.	
	Details of transportation, CSR, R&R and	
iv	implementation of environmental action plan for	It shall be complied.
ix	each of the 17 clusters should be brought out in a	
	booklet from.	CMPDI Re - 2 has been requested for Sou
	A study should be initiated to analyze extent of	Apportionment study.
X	reduction in pollution load every year by reducing	Apportionment study.
	road transport.	It shall be complied. Presently Master P
	The expertise available internationally should be	
xi	utilized for control of fire in Jharia coalfields and for	implementation for this purpose.
AI	their reclamation and to further minimize time for	Implementation 1 / Mas Passess.
	fire and subsidence control.	It shall be complied as specified in the EM
	The abandoned pits and voids should backfilled with	
xii	OB and reclaimed with plantation and or may be	
	used for pisciculture. RCCI may consider setting up a separate	A full-fledged Environment Department
	BCCL may consider setting up a separate	headed by a HOD (Environment) along wi
	management structure for implementing environment	
	policy and socio-economic issued and the capacity	executives (12 Nos.) which inclu
xiii	building required in this regard.	Environment, Mining, Excavation. C
19111		Survey, Electrical & Mechanical, Fore
		Quevey Flectrical & Mechanical, Folco

		Nos.) has been established in Headquarters. They are also trained in ecological restoration, methods sustainable development, rainwater
		harvesting methods etc. At the project level,
		one Executive in each area has also been nominated as project Nodal Officer
		(Environment) and also entrusted with the
		responsibility of compliance and observance of the environmental Acts / Laws including
		environment protection measures. The activities are monitored on regular basis at
		Area and at Head quarters levels. GM (Environment) at Head quarter level, Co-
		ordinates with all the Areas and reports to the
		Director (Technical) and in turn he reports to the CMD of the company. The team is
		multidisciplinary and very much motivated
		under the guidance of company's Director (Technical) and CMD. Further capacity
		building at both corporate and operating level is being done.
	The locations of monitoring stations in the Jharia	The fixing up of locations of monitoring stations in the Jharia Coalfields has been
xiv	Coalfields should be finalized in consultation with the Jharkhand State Pollution Control Board.	taken up with the Jharkhand State Pollution
		Control Board. (Annexure-B). Action has been taken for the source
	The smoke / dust emission very from source to source (fuel wood, coal, fly ash from TPPs, silica	apportionment study with the help of
xv	from natural dust, etc.) and a source Apportionment study should got carried out for the entire Jharia Coalfields.	CMPDIL. Presently ambient air is being monitored through BCCL own Laboratory at HQ. level.
	Mineralogical composition study should be	The ambient environment monitoring will be
xvi	undertaken on the composition of the suspended particulate matter (PM ₁₀ and PM _{2.5}) in Jharia Coalfields and also quantified. These studies would help ascertain source and extent of air pollution,	done through Central Institute of Mining & Fuel Research (CIMFR), Dhanbad who is having CSIR Laboratory recognized under the EP Rules.
	based on which appropriate mitigative measures could be taken.	Presently ambient air is being monitored through BCCL own Laboratory at HQ. level.
	The proponent shall prepare time-series maps of the Jharia Coalfields through NRSA to monitor and	Work has been awarded to NRSC (earlier NRSA). A MOU is to be entered with NRSC
viii	prevent fire problems in the Jharia Coalfields by isothermal mapping / imaging and monitoring	for start of the work. For this purpose, duly signed MOU has been to NRSC for necessary
XVII	temperatures of the coal seams (whether they are close to spontaneous ignition temperatures) and based on which, areas with potential fire problems shall be identified.	processing at their end and to start the work immediately. (copy enclosed as Annexure-A).
	Measures to prevent ingress of air (Ventilation) in	
xviii	such areas, to prevent restart fresh / spread fires in other areas including in mines of cluster VIII shall be	Action is being taken as specified in the Master Plan and EMP.
	undertaken. Underground mining should be taken up after	
xix	completion of reclamation of Opencast mine area after 15 Years.	It shall be complied.
XX	No mining shall be undertaken where underground	It shall be complied.

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	check such fire including in old OB dump areas where the fire could start due to presence of coal / shale with sufficient carbon content.	
xxi	The rejects of washeries in Cluster - IX should be sent to FBC based plant.	Coal washery does not exist in this cluster at present.
ххіі	There shall be no external OB dumps. At the end of the mining there shall be no void and the entire mined out area shall be re-vegetated. Areas where opencast mining was carried out and completed shall be reclaimed immediately thereafter.	Action is being taken as specified in EMP. Backfilling of OB is going on with mining. At the end of Mining there shall be no void and area will be re-vegetated and reclaimed.
xxiii	A detailed calendar plan of production with plan for OB dumping and backfilling (for OC Mines) and reclamation and final mine closure plan for each mine of cluster – IX shall be drawn up and implemented.	Calendar Plan has been prepared. Mine closure plan as per the guidelines of Ministry of Coal and on the basis of Cluster concept is under preparation by Central Mine Planning and Design Institute (CMPDI).
xxiv	The void shall be converted into a water reservoir of a maximum depth of 15-20 m and shall be gently sloped and the upper benches of the reservoir shall be stabilized with plantation and the periphery of the reservoir fenced. The abandoned pits and voids should be backfilled with OB and biologically reclaimed with plantation and or may be used for pisciculture.	It shall be complied. A part of the void will be converted into the water body as specified in EMP.
XXV	Mining shall be carried out as per statuette from the streams / Nalas flowing within the lease and maintaining a safe distance from the Nalas flowing along the lease boundary. A safety barrier of a minimum 60 m width shall be maintained along Nalas / water bodies. The small water bodies in OC shall be protected to the extent feasible and the embankment proposed long water body shall be strengthened with stone pitching.	It is being followed. Action for construction of embankment has been taken as specified in EMP.
xxvi	Active OB dumps near water bodies and rivers should be rehandled for backfilling abandoned mines voids. However, those which have been biologically reclaimed need not be disturbed.	No OB is being dumped near water bodies Further action has been taken for their eco restoration work as per Road Map prepared by FRI. Dehradun.
xxvii	Thick green belt shall be developed along undisturbed areas, mine boundary and in mine reclamation. During post mining stage, a total of 937.84 ha. area would be reclaimed. The total additional area under plantation would be 367.95 ha. (189.95) ha. abandoned quarry area, 178 ha. active quarry area, 104.34 OB dump outside quarry area, 36.49 ha. service building / Mine infrastructure area / coal dump etc, 165.88 ha. green belt around OCP, 263.22 ha. barren area), by panting 2344700 plants at a total cost Rs. 10830.45 lakhs.	It is being compiled. Yearly plantation is being done for development of green belts as per EMP.
xxviii	The road should be provided with avenue plantation on both side as trees act as sink of carbon and other pollutant.	It shall be complied.
xxix	Specific mitigative measures identified for the Jharia Coalfields in the Environmental Action plan prepared for Dhanbad as a critically polluted are and relevant for Cluster IX shall be implemented.	It shall be compiled. Dhanbad Action Plan i being implemented The salient actions of thi cluster. 1. Covered transportation of coal. 2. Water sprinkling. 3. Plantation.

XXX	The locations of monitoring stations in the Jharia Coalfields should be finalized in consultation with the Jharkhand State Pollution Control Board. The committee stated that smoke / dust emission very from source to source (fuel wood, coal, fly ash from TPPs silica from natural dust, etc) and a source Apportionment Study should be got carried out the entire Jharia Coalfields. Mineralogical composition study should be undertaken on the composition for suspended particulate matter (PM 10 and PM 2.5) in Jharia coalfields and also qualified. These studies would help ascertain source and extent of the air pollution, based on which appropriate mitigative measures could be taken.	This fixing up of locations of monitoring stations in the Jharia Coalfields has been taken up with the Jharkhand State Pollution Control Board. (Annexure-B) The work of monitoring of ambient environment will be done through Central Institute of Mining & Fuel Research (CIMFR), Dhanbad who is having CSIR Laboratory recognized under the EP Rules. for the source apportionment study the action has been taken with help of CMPDII Presently ambient air is being monitored through BCCL own Laboratory at HQ. level.
xxxi	No ground water shall be used for the mining activities. Additional water required, if any, shall be met from mine water or y recycling / reuse of the water from the existing activities and from rainwater harvesting measures.	It is being compiled and Mine water is being used for the industrial purpose. Further Mine Water is also utilized for the community and irrigation purpose. 1. Installation of Pressure filters for utilization of Mine Water. 2. Rain water Harvesting.
xxxii	Regular monitoring of groundwater level and quality of the study area shall be carried out by establishing a network of existing wells and construction of new peizometers. The monitoring for quantity shall be dome four times a year in pre-monsoon (May), monsoon (August), post-monsoon (November) and winter (January) seasons and for quality including Arsenic and Fluoride during the month of May. Data thus collected shall be submitted to the Ministry of Environment & Forest and to the Central Pollution Control Board / SPCB quarterly within one month of monitoring. Rainwater harvesting measures shall be undertaken in case monitoring of water table indicates a declining trend.	It shall be complied. The work of monitoring will be done through Central Institute of Mining & Fuel Research (CIMFR), Dhanbad which has CSIR Laboratory, recognized under the EP Rules. Presently CMPDI is monitoring the ground water level. Fixing up the monitoring stations for this purpose is in process with Jharkhand State Pollution Control Board.
xxxiii	Mine discharge water shall be treated to meet standards prescribed standards before discharge into natural water coursed / agriculture. The quality of the water discharged shall be monitored at the outlet points and proper records maintained thereof and uploaded regularly on the company website.	Pollution Control Board has been consulted for this purpose. The monitoring will be done through Central
xxxiv	ETP shall also be provided for workshop, and CHP, if any. Effluents shall be treated to confirm to prescribed standards in case discharge into the natural water course.	being taken-up.
xxxv	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	Complied.

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1	till movement ceases completely. In case of	
1	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.	
	Sufficient coal pillars shall be left un-extracted	Sufficient coal pillars have been left aroun
l	around the air shaft (within the subsidence influence	air shafts as per the statutes and DGM
xxxvi	area) to protect from any damage from subsidence, if	guidelines.
	area) to protect from any damage from subsidence, a	5
	any.	Identification of high roof density Plant an
	High root density tree species shall be selected and	its plantation in subsidence prone area will b
xxxvii	planted over areas likely to be affected by	taken-up.
	subsidence.	taken-up.
	Depression due to subsidence resulting in water	It shall be complied
xxxviii	accumulating within the low lying areas shall be	It shall be complied.
	filled up or drained out by cutting drains.	10.6
	Solid barriers shall be left below the roads falling	Sufficient barriers are left for saving the
xxxix	within the blocks to avoid any damage to the roads.	surface installation and infra structures as p
XXXIX	Within the blocks to avoid any animals	the statute and DGMS guidelines.
	No depillaring operation shall be carried out below	It is being followed.
хL		
	the township / colony.	Action has been taken for formulati
	The transportation plan for conveyor-cum-rail for	adequate transportation plan for conveye
	Cluster-IX should be dovetailed with Jharia Action	cum-rail system of dispatch. CMPDIL 1
	plan. Road transportation of coal during Phase - 1	been requested to prepare the plan. By the
	should be by mechanically covered trucks, which	time transportation is being done by coveri
хLi	should be introduced at the earliest. The plan for	vehicle with tarpaulin cover. Action
	conveyor-cum-rail for Cluster - IX should be	vehicle with tarpaunit cover. Action
	dovetailed with Jharia Action Pan. The road	mechanically covered trucks has been taken
	transpiration of coal during Phase - 1 should be by	
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T ::	mechanically covered trucks. A study should be initiated to analyze extent of	
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	The details of CSR undertaken along with budgetary provisions for the village-wise various activities and expenditure thereon shall be uploaded on the company website every year. The company must give priority to capacity building both within the company and to the company and to the local youth, who are motivated to carry out the work in future. For monitoring land use pattern and for post mining	Complied. Presently a time series map of
хLv	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 3years (for any one particular season which is consistent in the time series), and the report submitted to MOEF and its Regional office at Bhubaneswar.	vegetation cover in the Jharia Coal Field is being carried out through CMPDI Ranchi. Further CMPDI has been requested to prepare "Time series of Land use maps based on satellite imagery of the core zone and buffer zone in the scale 1:50000 for every 3 years.
xLvi	A final Mines Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forest Restoration Plan of the mine area shall be carried out using a mix of native species found in the original ecosystem, which were conserved in-situ and ex-situ in an identified area during mine reclamation and at the post mining stage for habitat restoration.	CMPDI has been requested to prepare "Final Mine Closure Plan along with plan for Habitat Restoration and with details of Corpus Fund"
xLvii	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 for implementing environment policy and socio-economic issues and the capacity building required in this regard.	A full-fledged Environment Department, headed by a HOD (Environment) along with a suitable qualified multidisciplinary team of Executives (12 nos.) which includes Environment, Mining, Excavation, Civil, Survey, Electrical & Mechanical, Forestry disciplines Executives and Technicians (4 Nos.) has been established in Headquarters. They are also trained in ecological restoration, sustainable development, rainwater harvesting methods etc. At the project level, one Executive in each area has also been nominated as Project Nodal Officer (Environment) and is also entrusted with the responsibility of compliance and observance of the environmental Acts / Laws including environment protection measures. The activities are monitored on regular basis at Area and at Head Quarters levels. GM (Environment) at Head Quarter level Coordinates with all the Areas and reports to the Director (Technical) and in turn he reports to the CMD of the company. The team is multidisciplinary and very much motivated under the guidance of company's Director (Technical) and CMD. Further capacity building at both corporate and operating level is being done.

x L viii	Implementation of final mine closure plan for Cluster IX, subject to obtaining prior approval of the DGMS in regard to mine safety issues.	Final Mines Closure Plan, as per the guideline will be submitted 5 years before the closure of the Mine. For the purpose of safety issues related to the closure prior approval of DGMS will be taken in this regard.
xLix	Corporate Environment Responsibility: The company shall have a well laid down Environment Police approved by the Board of Directors. 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. The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental	A well defined Corporate Environment Policy has already been laid down and approved by the Board of Directors. This also posted on BCCL website. Complied. A hierarchical system of the company to deal with environmental issue from corporate level to mine level already exists.
	clearance conditions shall be furnished. 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.	Being complied.
В	General Conditions:	Compliance.
	No change in mining technology and scope of	
i	working shall be made without prior approval of the Ministry of Environment and Forests.	Being complied.
ii	No change in the calendar plan of production for quantum of mineral coal shall be made.	Being complied.
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 ND _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.	The fixing up of locations of monitoring stations in the Iharia Coalfields has been taken up with the Jharkhand State Pollution Control Board. The work of monitoring of ambient environment will be done through Central Institute of Mining & Fuel Research (CIMFR), Dhanbad which is having CSIR Laboratory recognized under the EP Rules.
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 Regional Office at Bhubaneswar 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.	It shall be complied.
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.	Being complied.

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.	The fixing up of locations of monitoring stations in the Jharia Coalfields has been taken up with Jharkhand State Pollution Control Board. The work of monitoring of ambient environment will be done through Central Institute of Mine & Fuel Research (CMFER), Dhanbad which is having Laboratory recognized under the EO Rules. presently mine effluent is being monitoring through BCCL own Laboratory at HQ. level.
vii	Vehicular emission shall be kept under control and regularly monitored. Vehicles used for transporting the mineral shall be covered with tarpaulins and optimally loaded.	It shall be complied.
viii	Monitoring of environment 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.	It is being done.
ix	Personnel working in dusty areas shall wear protective respiratory devices and they shall be also be protective respiratory with adequate training and information on safety and health aspects.	Being Complied. Vocational training Centers under separate Human Resource Development Deptt. is conducting regular training programme on these issues.
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 measure, 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.	Initial Medical Examination (IME) and periodical Medical Examination (PME) of all the personnel are carried out as per the Statutes and Director General of Mines Safety (DGMS) guidelines
xi	A separate environment 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.	headed by HOD (Environment) along with a

		(Environment) at Head Quarter level Co- ordinates with all the Areas and reports to the Director (Technical) and in turn he reports to the CMD of the company. The team is multidisciplinary and very much motivated under the guidance of company's Director (Technical) and CMD. Further capacity building at both corporate and operating level is being done.
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 at Bhubaneswar.	It is being complied.
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 & Forests at http://envfor.nic.in.	It has been complied. Advertisement in local newspaper is enclosed as annexure-C.
xiv	A copy of the environmental clearance letter shall be marked to concern Panchayat/Zila Parished, 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.	Complied.
xv	A copy of the environmental clearance letter shall 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.	Complied.
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 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.	C complied.
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 o the Ministry, respective Zonal Offices of CPCB and the SPCB.	Being complied.

xviii	The Regional Office of this Ministry located at Bhubaneswar 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.	Shall be complied.
xix	The Environment Statement for each financial year ending 31 March in for-V is mandated to be submitted by the project proponent for the concerned State Pollution Control Board as prescribed under the Environment (protection) Rules, 1996, 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 by E-mail.	Being complied.
C	Other Conditions by MOEF:	Compliance.
i	The Ministry or any other Competent Authority may stipulate any further condition(s) for environmental protection.	Agree.
ii	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract the provisions of the Environment (Protection) Act, 1986.	Agree.
iii	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act 1991 along with their amendments and Rules. the proponent shall ensure to undertake and provide for the costs incurred for taking up remedial measures in case of soil contamination, contamination of groundwater and surface water, and occupational and other diseases due to the mining operations.	It is being complied.
iv	The Environmental clearance is subject to the outcome of the Writ Petition filed by M/s Bharat Coking Coal Limited (BCCL) in response to the closure orders issued by the Jharkhand State Pollution Control Board which is pending in the Jharkhand High Court.	Agree.

General Manager (Mining)
Lodna Area
BCCL Ithanbad