



BHARAT COKING COAL LTD.
(A Subsidiary of Coal India Ltd.)
OFFICE OF THE GENERAL MANAGER
BARORA AREA

Ref No.GM/AR-1/ Survey/ 699 /2014

Dated 26.05.2014
29

To
The Director
Ministry of Environment & Forest
Chandrasekharpur
Post-Rail Vihar
Bhubneshwar-751023

Sub: Six monthly Compliance report of Environmental Clearance of Cluster-XV group of mines for the period from Oct.2013 to March 2014.

Ref: - EC order no.- J-11015/100/2011-IA.II (M)

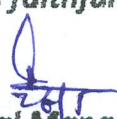
Dear Sir,

Please find enclosed herewith six monthly compliance of the conditions of Environmental clearances granted to Cluster-XV group of mines of BCCL for the period from Oct.2013 to March 2014.

With regards

Encls: as above

Yours faithfully


General Manager
Barora Area

C, C to

1. Sri Sundeep Scientist-D
Central Pollution Control Board
Southern Conclave, Block 502, 5th & 6th floor
1582, Rajdanga Main Road, Kolkata-700107
2. Member Secretary,
Jharkhand State Pollution Control Board,
TA Divn Building, HEC Durgam, Ranchi
3. DY.G.M. (Env.) BCCL, Koyla Bhawan, Dhanbad
4. G.M, Govindpur area
5. Area Manager (Plg.) Barora Area
6. Nodal Officer, Env, Barora Area/Govindpur area
7. Project Officer, Phulritand/Madhuband Colliery
8. Office file
9. Master file

ACTION PLAN FOR COMPLIANCE OF EC CONDITIONS:- CLUSTER-XV

A. Specific Conditions by MOEF:					Compliance	Compliance in percentage
The maximum production in the cluster shall not exceed beyond that for which environmental clearance has been granted for the cluster XV as per given below:					The production from the cluster is within the limit for which environmental clearance has been granted.	100
Sl. No.	Name of Mines	Production capacity(MTY)		Lease hold area(Ha)		
		Normative	Peak			
1	Kharkharee Coll.	0.092	0.12	584.00		
2	Madhuband coll.	0.113	0.147	393.77		
3	Phularitand coll.	0.120	0.156	340.88		
4	Dharmabandh Coll. (Closed for production)	0	0	377.90		
Total		0.325	0.423	1696.55		
ii	The proponent shall prepare a contingency plan for subsidence.				It is being complied as per the guidelines of DGMS.	
iii	Keeping in view the pattern of the subsidence in the area, no depillaring should be carried out until the rehabilitation of the affected families and shifting of infrastructure.				It shall be complied. No depillaring is being carried out at present.	
iv	The channels adjoining the ML area leading to Jamunia river should not be disturbed and be regularly desilted.				It is being complied.	
v	The quality of the Jamunia river water should be continuously monitored and in order to prevent silting, a series of check dams should be constructed using boulders. This will help in recharging the ground water.				It is being complied.	
vi	The coal from the mines will be transported by mechanically covered trucks within two months.				At present we are exploring the technology to cover existing trucks mechanically and OEM with covered trucks is being explored until the coal production is being done by tarpaulin covered trucks.	
vii	In underground mining, there is presence of organic gases. These gases are volatile in nature. Due to transmission of air, fire takes place. The routine mining engineering will not serve the purpose. Therefore, proper studies be carried out to understand underground seams and how these fire areas could be sealed from further spreading.				All the statutory provisions under mines act 1952 and CMR 1957 along with statutes constituted under Mines act are fully complied to prevent any occurrence of fire.	
viii	Cumulative impact of fire and gases for all the clusters of coal mines in Jhria Coal Field be carried out.				For impact assessment by fire and gases in JCF, CMPDIL has been contacted and asked for the proposal for carrying out study in JCF.	
ix	National Remote Sensing Agency (NRSA) should be contacted for thermal imaging techniques which are				National Remote Sensing Agency (NRSA) has studied	

	being utilized for assessing the extent of impact of underground of fire. BCCL should consider for an MOU with NRSA for short and long term studies so as to obtain detailed information on Satellite imagery, thermal imagery, subsidence prediction and surface features of the mining area.	and submitted information on Satellite imagery, thermal imagery. In which fire area in JCF has been reduced to 2 sq km from 9sq km.	
x	The project Proponent should monitor the water quality of the Jamunia river as per the standards prescribed by the JSPCB/CPCB to maintain the required BOD in river water.	The work of monitoring of ambient environment including water quality of the Jamunia river has already been awarded to Central Institute of Mining & Fuel Research (CIMFR), Dhanbad having CSIR laboratory recognized under the EP Rules. The location of monitoring stations for this purpose has been finalized with the with Jharkhand State Pollution Control Board	
xi	The nullh as adjacent to the river should not be disturbed	It is being complied.	
xii	The open cast quarries of the abandoned mines should be backfilled to the ground level and restored with native species.	It shall be complied.	
xiii	All coal from smaller UG mines should be transported by high capacity and mechanically covered trucks/ tippers.	It shall be complied. coal production is being done by tarpaulin covered trucks.	
xiv	Green belts shall be developed on both sides of the roads.	It is being complied.	
xv	Action plan for quenching of fires and rehabilitation along with the details of master plan be submitted to the MoEF for monitoring purpose.	It shall be complied.	
xvi	Presently coal to Munidih washery from other mines of the cluster is taking place through NH. An alternate route for coal transportation may be explored.	It shall be complied.	
xvii	For understanding the composition of emissions from coal mine fires, BCCL may initiate action as proposed in the visit report of the EAC to Dhanbad.	CMPDIL has been contacted for the study of emissions from coal mine fires; BCCL may initiate action as proposed in the visit report of the EAC to Dhanbad.	
xviii	The approved mining plan be submitted to the MoEF.	It shall be complied.	
xix	The measure to identify in the Environmental Plan for Cluster- XV groups of mine and the conditions given in this environmental clearance letter shall be dovetailed to the implementation of the Jharia Action Plan.	It is being complied.	
xx	The proponent shall prepare time -series maps of the Jharia Coalfields through NRSA to monitor and prevent	NRSC has been engaged for the purpose and NRSC has submitted their final report that	

	<p>fire problems in the Jharia Coalfields by Isothermal mapping /imaging and monitoring 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. Measures to prevent ingress of air (Ventilation) in such areas, to prevent restart fresh/spread fires in other areas including in mines of cluster II shall be undertaken. Expertise Available internationally could also be utilized for control of fire in Jharia Coalfields and for their reclamation and to further minimize time for fire and subsidence control. Isothermal mapping using thermal imaging has been got done by NRSA. Measures would be taken to prevent ingress of air (ventilation) in such areas, which may re-start fresh fires.</p>	<p>area of fire has been reduced from 9.00 KM² to 2.00 KM².</p> <p>International Expression of Interest has been invited for control of fire in Jharia Coalfields and for their reclamation.</p>	
xxi	<p>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.</p>	<p>It is being complied.</p>	
xxii	<p>No mining shall be undertaken where underground fires continue. Measure shall be taken to prevent/check such fire including in old OB dump areas where the fire could start due to presence of coal/shale with sufficient carbon content.</p>	<p>It is being complied. mining is being carried out with regulator DGMS.</p>	
xxii i	<p>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 60m width shall be maintained along the nalas/water bodies.</p>	<p>It is being complied. mining is being carried out with regulator DGMS.</p>	
xxi v	<p>Total afforestation plan shall be implemented covering an area of 621.28 Ha (additional) at the end of mining which will include; Green belt over an area of 229.12 ha; Density of tree plantation 2500/ha of plants.</p>	<p><i>It shall be complied.</i></p>	
xxv	<p>Details of transportation, CSR, R&R and implementation of environmental action plan for the clusters-XV should be brought out in a booklet form within a year and regularly updated.</p>	<p>It shall be complied.</p>	
xxv	<p>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 XV shall be implemented.</p>	<p>It is being complied.</p>	
xxv ii	<p>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 vary 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 for the entire Jharia Coalfields. Mineralogical composition study should be undertaken</p>	<p>The locations of monitoring stations in the Jharia Coalfields should be finalized in consultation with the Jharkhand State Pollution Control Board.</p>	

	on the composition of the suspended particulate matter (PM10 and PM2.5) in Jharia Coalfields and also quantified. These studies would help ascertain source and extent of the air pollution, based on which appropriate mitigative measures could be taken.		
xxv iii	The proponent will continue the existing Road-Rail transport network system in view of the implementation of the Master Plan (for 10 years) and another 5 years gestation period after the completion of Master Plan for consolidation of the backfilled dug out fire areas and unstable areas is required. All mitigation measures (like covered trucks, green belting on either sides of the roads, enhanced water sprinkling, strengthening and maintaining the roads etc.) shall be adopted up to 15 years (phase-I) with the existing road-rail transport system. In phase-II, BCCL shall implement conveyor-cum-rail transport to avoid movement of trucks within the cluster for coal transportation in Phase-II which shall start after 15 years. Transportation of coal shall be by Rail and Conveyor belt, minimizing the existing road transport system in all the mines of the cluster and shall continue after 15 years. Loading of coal by pay loaders shall be discontinued. Adequate number of suitably designed off-take points shall be provided.	At present we are exploring the technology to cover existing trucks mechanically and OEM with covered trucks is being explored until the coal production is being done by tarpaulin covered trucks.	
xxi x	1537 nos of PAFs should be rehabilitated at cost of Rs 140.03 crores as per the approved Jharia Action Plan.	It is being complied as per approved Jharia Action Plan.	
xxx	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.	It shall be complied. No depillaring is being carried out at present.	
xxx i	Coal Extraction shall also be optimized in areas where agricultural production is continuing. Some pillars shall be left below the agricultural land. No depillaring & coal extraction should be carried out below habitation, H.T. Lines & beneath road, water bodies.	It is being complied.	
xxx ii	Subsidence shall be monitored closely and if subsidence is found exceeding the permitted limits, then the landowners shall be adequately compensated with mutual agreement with the landowners.	No depillaring is being carried out at present.	
xxx iii	3-tier plantation should be developed 2 km stretch of road from the mine using native species.	It is being complied.	

x	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.	It is being complied	
xxx v	A progressive afforestation plan shall be prepared and implemented over the mine lease area acquired and shall include areas under green belt development, areas along roads, infrastructure, along ML boundary and township etc, by planting native species in consultation with the local DFO/Agriculture Department.	It is being complied	
xxx vi	Acid Water Treatment Plant, volume of water to be treated and disposal of brine should be provided.	Shall be complied	
xxx vii	Mine discharge water outside the ML shall be monitored, particularly for TDS and treated to conform to prescribed levels before discharge into the natural environment.	Presently water is not being discharged out side the ML. Excess mine water is being stored at old developed mines.	
xxx viii	The Company shall put up artificial groundwater recharge measures for augmentation of groundwater resource, in case water table shows a declining trend. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.	Presently water is not being discharged out side the ML. Excess mine water is being stored at old developed mines. This will help to recharge the ground water.	
xxx ix	Besides carrying out regular periodic health checkup of their workers, 10% of the workers identified from workforce engaged in active mining operations shall be subjected to health checkup for occupational diseases and hearing impairment, if any, through an agency such as NIOH, Ahmadabad within a period of one year and the results reported to this Ministry and to DGMS.	It is being done.	
xi	The mining in the existing mines would be phased out after expiry of the current mining lease and after reclamation of mined over area. The operating mines may be analyzed and monitored for compliance of conditions, having bearing with movement of wild life until such time they are closed/phased out.	Shall be complied	
xli	Sufficient coal pillars shall be left extracted around the air shaft (within the subsidence influence area) to protect from any damage from subsidence, if any.	It is being complied	
xlii	High root density tree species shall be selected and planted over areas likely to be affected by subsidence.	It is being complied	
xlii i	Depression due to subsidence resulting in water accumulating within the low lying areas shall be filled up or drained out by cutting drains.	It is being complied	
xliv	Solid barriers shall be left below the roads falling within the blocks to avoid any damage to the roads.	It is being complied	
xlv	The CSR Action Plan shall consist of need-based CSR Action Plan, CSR Auditing and monitoring mechanism etc. The proponent will spend 5 % of the retained	It is being complied	

	earnings of the previous year subject to a minimum of Rs. 5/- per tonne of coal production which should be adjusted as per the annual inflation The progress made thereon shall be uploaded on the company annually on the company website. Monitoring of the impacts of activities under CSR shall be carried out periodically.		
xlvi	Third party evaluation shall be got carried out regularly for the proper implementation of activities undertaken in the project area under CSR. Issue raised in the Public Hearing shall also be integrated with activities being taken up under CSR. 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 local youth, who are motivated to carry out the work in future. The gap/space available between the entire mine area should be suitably planted with native species. Plantation should also be made in vacant area and along the road side so as to reduce dust pollution.	<p>BCCL is implementing CSR activities. A separate CSR committee has been formed at area level of Barora , who will look after the works being executed under CSR.</p> <p>TISS has been contacted to frame CSR and monitoring the CSR activities.</p>	
xlvi i	Central recreation park with herbal garden should be developed for use of all inhabitants.	It shall be complied.	
xlvi ii	The mine water should be treated properly before supply to the villager.	It is being complied.	
xlix	Mine discharge water shall be treated to meet standards prescribed standards before discharge into natural water courses/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.	It shall be complied.	
i	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 reclaimed with plantation and or may be used for pisciculture.	It shall be complied.	
ii	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 piezometers. 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 including Arsenic and Fluoride during the month of May. Data thus collected shall be submitted to the Ministry of Environment &	The work of monitoring of groundwater level and quality has already been awarded to Central Institute of Mining & Fuel Research (CIMFR), Dhanbad having CSIR laboratory recognized under the EP Rules.	

	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.		
iii	ETP shall also be provided for workshop, and CHP, if any. Effluents shall be treated to conform to prescribe standards in case discharge into the natural water course.	It shall be complied	
lii	For monitoring land use pattern and for post mining land use, a time series of land use maps, based on satellite imagery (on a scale of 1: 5000) of the core zone and buffer zone, from the start of the project until end of mine life shall be prepared once in 3 years (for any one particular season which is consistent in the time series), and the report submitted to MoEF and its Regional office at Bhubaneswar.	Being complied. Presently a time series map of vegetation cover in the Jaria Cold 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 1:5000 for 3 years.	
liv	A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forests five year before mine closure for approval. Habitat 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 within the lease for reintroduction in the mine during mine reclamation and at the post mining stage for habitat restoration. the mining plan and post-mining plan, closure plan should be prepared and submitted to the Ministry;	CMPDI has been prepared "Final Mine Closure Plan along with a Plan along with details of Corpus Fund and amount has been deposited to Fund.	
lv	A separate management structure 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	

		<p>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, co-ordinates with all the Areas and reports to the Director (Technical) and in turn he reports to the CMD of the company.</p> <p>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.</p>	
lvi	<p>Corporate Environment Responsibility:</p> <p>a) The Company shall have a well laid down environment Policy approved by the Board of Directors.</p> <p>b) The Environment Policy shall prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions.</p> <p>c) The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance Conditions shall be furnished.</p> <p>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.</p>	<p>A well defined Corporate Environment Policy has already been laid down and approved by the Board of Directors. This is also posted on BCCL website.</p> <p>Complied.</p> <p>A hierarchical system of the company to deal with environmental issues from corporate level to mine level already exists.</p> <p>Being complied.</p>	
B	General Conditions by MOEF:		
i	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment and Forests.	Being done.	
ii	No change in the calendar plan of production for	Being done.	

	quantum of mineral coal shall be made		
iii	Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for PM ₁₀ , PM _{2.5} , SO ₂ and NO _x monitoring. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc carried out at least once in six months.	The location of monitoring stations in the Jharia Coldfield have been finalized with the Jharkhand State Pollution control Board.	
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 recognised under the EPA rules, 1986 shall be furnished as part of compliance report.	The work of monitoring of ambient environment air quality has already been awarded to Central Institute of Mining & Fuel Research (CIMFR), Dhanbad having CSIR laboratory recognized under the EP Rules.	
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 done.	
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.	Being done.	
vii	Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transporting the mineral shall be covered with tarpaulins and optimally loaded.	Being done. Transporting of coal is being done covered with tarpaulins and optimally loaded.	
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 analysed through a laboratory recognised under EPA Rules, 1986.	The work of monitoring of environment quality parameter has already been awarded to Central Institute of Mining & Fuel Research (CIMFR), Dhanbad having CSIR laboratory recognized under the EP Rules	
ix	Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects.	Being done.	
x	Occupational health surveillance programme of the workers shall be undertaken periodically to observe any	Being done.	

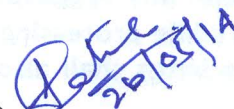
	<p>contractions due to exposure to dust and to take corrective measures, if needed and records maintained thereof. The quality of environment due to outsourcing and the health and safety issues of the outsourced manpower should be addressed by the company while outsourcing.</p>	
xi	<p>A separate environmental 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.</p>	<p>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, co-ordinates with all the Areas and reports to the Director (Technical) and in turn he reports to the CMD of the company.</p> <p>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.</p>
xii	<p>The funds earmarked for environmental protection</p>	<p>It is being complied.</p>

	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.		
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 .	Complied.	
xiv	A copy of the environmental clearance letter shall be marked to concern Panchayat/Zila Parishad, Municipal corporation or Urban local body and local NGO, if any, from whom any suggestion /representation has been received while processing the proposal. A copy of the clearance letter shall also be displayed on company's website.	Complied.	
xv	A copy of the environmental clearance letter shall be 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.	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 of environmental quality parameter (air, water, noise and soil) and critical pollutant such as PM ₁₀ , PM _{2.5} , SO ₂ and NO _x (ambient) and critical sectoral parameters shall also be displayed at the entrance of the project premises and mine office and in corporate office and on company's website.	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 of the Ministry, respective Zonal Office s of CPCB and the SPCB.	Being complied	
xviii	The Regional Office of this Ministry located at Bhubaneswar shall monitor compliance of the	Shall be complied.	

	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.		
xix	The Environmental 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,1986,as amended subsequently, shall also be uploaded on the company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the MoEF by E-mail	Being complied	



Nodal Officer (Env.)
Barora Area



Nodal Officer (Env.)
Govindpur Area



General Manager
Barora Area