



Ref. no: ARIPL/Agent/ECCR/2024-25/30

Date: 15/06/2024

To,

The Additional Principal Chief Conservator of Forest
Ministry of Environment, Forest and Climate Change,
Regional Office (WCZ), Ground Floor, East Wing,
New Secretariat Building, Civil Lines, Nagpur- 440001 (M.S)

Subject: Submission of Six-Monthly Compliance Report against Environmental Clearance Conditions for Takli Jena Bellora (North & South) Opencast cum Underground Coal Mine of overall capacity 1.5 MTPA by M/s. Aurobindo Reality Infrastructure Pvt Ltd (ARIPL) located in Village Bellora, Tehsil Bhadravati, District Chandrapur (Maharashtra).

Reference: MOEF & CC letter IA – J-11015/62/2021-IA-II (M) dated 03/11/2022.

Dear Sir,

In compliance of the condition stipulated in EC under reference, please find enclosed herewith six-monthly EC compliance report for the period of October'23 to March'24 with respect to Takli Jena Bellora (North) and Takli Jena Bellora (South) Opencast cum Underground Coal Mine of Production capacity (1.1 MTPA Opencast, 1.0 MTPA underground) located at Wardha Valley Coalfield, Maharashtra, India.

We hope this will fulfil the requirements in the matter.

Thanking you


A Lakshmana Rao
Senior General Manager (Mining)/Agent
Takli Jena Bellora North & South Coal Mine

CC:

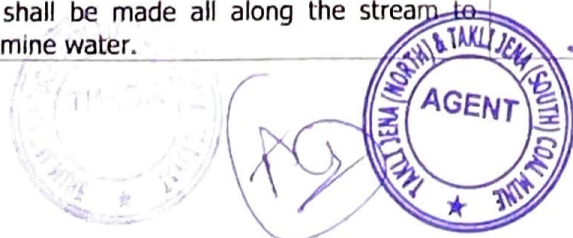
1. Regional Office, Maharashtra Pollution Control Board, Udyog Bhavan, 5th Floor, Near Sales Tax Office, Civil Line, Nagpur, Maharashtra – 440001
2. Sub Regional Officer, MPCB, Udyog Bhavan, 1st Floor Opp. Bus Stand, Railways Station Road, Chandrapur – 442401.

Auro Infra Private Limited.

Site Office: Balaji Complex, Sumthana, Bhadravati, Chandrapur, Maharashtra- 442902, INDIA,
Regd. Office Address : Galaxy, 21st floor, Wing A, Galaxy Plot no:1, Sy. No. 83/1 Hyderabad knowledge City, Raidurg
(Panmktha) Hyderabad TG 500081, INDIA. CIN: U45500TG2016PTC111433, Website: www.aurobindo.com

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Sr. No.	Conditions Of Environmental Clearance	Status of Compliance
Specific Conditions		
1.	PP to obtain CTE/CTO from SPCB for the production capacity of 1.5 MTPA for opencast and underground as proposed by PP.	Consent to establish and Consent to operate has been obtained from Maharashtra Pollution Control Board on dated 30.07.2022 and 17.07.2023 respectively (Copy of CTE/CTO enclosed as Annexure – 1).
2.	PP shall prepare a detailed plan for distribution of water within and outside Mine lease area from dewatering of Daga mine pit in consultation with gram panchayat and shall implement the water treatment plant to meet the requirement with the start of production.	Water distribution plan has been made. We have created 3 settling ponds for settling of sediments, heavy particles as water treatment before discharging into nalla.
3.	As proposed by PP vide letter 26.09.2022 Rs. 2.2 crore shall be invested for water distribution system in 6 villages (Kiloni, Kadholi, New Kondha, Takli and Gotala Rith) with commissioning of mine. PP to implement the revised public hearing budget to tune of Rs. 3.03 crore on proposed activities.	An amount of Rs. 48 Lakh has been allocated for water distribution. Water is being utilised in the mine premises and excess water is being discharged into Natural nallah. Revised public hearing budget is being implemented in phased manner.
4.	PP to implement revised EMP budget of Rs. 22.79 crore as capital expenditure on pollution control measures with annual recurring cost of Rs. 4.19 Crore.	We shall implement revised budget including expenditure on pollution control measures. (Revised EMP budget enclosed as Annexure – 2).
5.	In addition to manual monitoring, PP to install a continuous ambient air quality monitoring stations at suitable location preferably village side with consultation of SPCB. The real time data so generated shall be uploaded on company website. In addition, data should also be displayed digitally at entry and exit gate of mine lease area for public display.	We have installed one continuous Ambient Air Quality Monitoring Station after due consultation with the SPCB and it is in operation and also the values are displaying digitally, another one is ready for installation, construction activity is in progress.
6.	PP shall implement the plan for transportation of coal nearly 80% i.e. 1.2 MTPA through Railway and rest 20% i.e. 0.3 MTPA by road.	Presently, coal is being transported through road and about 1.2 MTPA coal shall transported by road to the Tadali Railway siding, located about 26 km from the mine, for which required consent from Railway authorities has been obtained.
7.	Presently as recommended by EAC, only, Bellora nallah shall be diverted with due permission from Irrigation Department of the Maharashtra State Government and PP to take adequate safety measures to restore the catchment areas fall under these streams. However, no diversion of Takli stream shall be allowed for next 12 years. PP to take adequate measures for its environment/natural flow and also to ensure that no untreated mine water shall enter into this stream and proper garland drain shall be made all along the stream to catch mine water.	We have obtained NOC permission from Irrigation Department. However, diversion of Bellora Nallah is not required at present, if required, we will divert it in future. (WRD NOC enclosed as Annexure -3). Proper garland drain has been provided to catch mine water and settling tanks have been arranged.



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8.	PP shall construct a pucca road to maintain the safety of people residing nearby along the transportation route with plantation on either side of the road	The construction of pucca road is under progress.
9.	PP shall install fixed fog cannon (mist sprayer) and fixed sprinkler all along the haul road till CHP, Railway siding and OB Dump area and accordingly sufficient number of fog cannons (not less than 10 nos.) with 40 mts jet length shall be installed within 6 months. It should be ensured that air pollution level confirm to the standards prescribed by the MOEFCC/CPCB	05 Nos. of Fog Cannon Machine (mist sprayer) has been installed all along the haul road and stock yard. The road construction work is going on, so in future we will install fixed fog Cannon and sprinkler.
10.	PP shall construct a proper cemented 4 lane approach road of 1.36 km for the purpose of transportation of Coal from mine lease area to nearby National highway	Land up to the Highway is already possessed by ARIPL and 4 lane road is already under construction. No external/village road is used for communicating/transportation from mine to National Highway.
11.	Project proponent to plant 150,000 nos. of native trees with broad leaves along the transportation route in three years to prevent the effect of air pollution. After completion of tree plantation, number of trees shall be duly endorsed from District Forest Officer	We have planted 2000 saplings presently and 50,000 nos of trees will be planted during this monsoon season. Nursery development of 1,50,000 nos of trees of native species will be completed in next three years. After completion of the plantation, will be endorsed by the DFO.
12.	PP shall deploy only 30-35 tonnes covered trucks/dumper to reduce fleet size till Rapid loading system and to implement surface miner and conveyor belt system from pit head to CHP as feasible	We are deploying the trucks for the transportation of materials.
13.	PP shall conduct third party audit of compliance of EC condition at an interval six months and its report shall be submitted to IRO, MoEF & CC.	We are complying with the condition and we are submitting the EC compliance to the respective authority.
14.	The status of mine closure activities must be included in every six months compliance report submitted to the state pollution control board and IRO	We will submit mine closure activity to MPCB and MoEF&CC.
15.	PP to maintain the topped haul road properly to minimized the dust emission. PP to also develop pucca roads by seeking consent from the panchayat with widening of roads especially roads inter linking the villages with in the study area of 10 km radius buffer zone.	As part of the CSR activities, we are developing pucca road by discussing it with local villages. Also, topped haul road will be constructed to minimize the dust emission.
16.	PP to install solar lights along the road used for transportation of minerals to avoid the accidents at night and also seek its maintenance. PP is asked to also identify the rural areas for installation of solar light with its maintenance within the study area of 10 km radius buffer zone within one year	Transportation road is under construction, after completion of the same solar lights will be installed. As part of the CSR activity, Solar lights will be installed in nearby villages.
17.	PP to provide bio toilets to the villages located within the study areas within 1 year from the grant of this EC	We have distributed 12 Nos of bio toilets in previous financial Year in the nearby villages and in future we are planning to distribute more than 50 Nos.



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18.	Persons of nearby villages shall be given training on livelihood and skill development to make them employable with its proper records	Livelihood and skill development programme such as Mobile repairing training, computer training and beauty parlour will be conducted in the nearby villages as part of CSR Activity.
19.	PP to fulfil all the commitment made in the minutes of public hearing to address the issues raised therein in a time bound manner and a progressive report to be furnished to IRO in every six monthly as compliance report	We agreed to comply with the condition.
20.	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours	Noise level monitoring is being carried out and noise level at site is kept as per the noise level standard.
21.	PP shall pay to farmers of agricultural land if there is any loss due to pollution found by concerned District Commissioner as per extent rules or norms	Noted.
22.	PP should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground. A dedicated team to oversee environment management shall be setup which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis. Any non-compliance or infringement should be reported to the concerned authority	We are regularly carrying out environmental monitoring of environmental Pollutants by accredited NABL & MoEF&CC recognised Laboratory. Environment laboratory will be established in this financial year.
23.	PP to implement the recommendation of land subsidence study carried out for underground mine and report shall be submitted to IRO in every six monthly report.	It is limited to Opencast mining, we will conduct the study in future.
24.	PP to obtain the star rating as per the guidelines of Ministry of Coal.	We will take necessary steps in the evaluation of mining footprints and sustainable development framework for taking up mining activities under its umbrella.
25.	Hon'ble Supreme Court in an Writ Petition(s) Civil No. 1 14/2014, Common Cause vs Union of India & Ors vide its judgement dated 8th January, 2020 has directed the Union of India to impose a condition in the mining lease and a similar condition in the environmental clearance and the mining plan to the effect that the mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been	It is being complied.



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	disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. Compliance of this condition after the mining activity is over at the cost of the mining lease holders/Project Proponent". The implementation report of the above said condition shall be sent to the Regional Office of the MoEF&CC	
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GENERIC CONDITIONS: -

(i)	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986. In case of the diversion of forest land for non-forest purpose involved in the project	Not Applicable
(ii)	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable	Not Applicable
(iii)	(iii) The project proponent shall prepare a Site-Specific Conservation Plan I Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of Schedule-I species in the study area).	Wildlife conservation plan has been prepared and submitted to Wildlife Department for approval. The Wildlife Conservation Plan attached as Annexure - 4 .
(iv)	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee	Consent to Establish/Consent to operate has been obtained from Maharashtra Pollution Control Board dated 30.07.2022 & 17.07.2023. Refer Annexure- 1 .
(v)	The project proponent shall obtain the necessary permission from the Central Ground Water Authority	NOC from CGWA for withdrawal of ground water 94.03 KLD and Mine seepage 7907.41 KLD has been obtained vide: CGWA/NOC/MIN/ORIG/2022/16172 and valid upto 30/08/2024. The copy of the CGWA NOC is attached herewith vide Annexure - 5 .
(vi)	Solid/hazardous waste generated in the mines needs to be addressed in accordance to the Solid Waste Management Rules, 2016/Hazardous & Other Waste Management Rules, 2016	There is only solid waste generated from proposed mine is overburden which will be stacked as per mining plan and subsequently used for reclaiming the mined out area. During mining operation used oil, empty barrels and oil and grease skimming will be generated which we will take authorization under



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		Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016. Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016 within 90 days from the date of generation and we will maintain records.
	Air Quality Monitoring and preservation	
(i)	Continuous ambient air quality monitoring stations as prescribed in the statute be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely PM 10, PM2.5, SO2 and NOx. 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. Online ambient air quality monitoring stations may also be installed in addition to the regular monitoring stations as per the requirement and/or in consultation with the SPCB. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc to be carried out at least once in six months	One Continuous ambient air quality monitoring station is installed within mine premises, and it is under operation. Another one is under commissioning.
(ii)	The Ambient Air Quality monitoring in the core zone shall be carried out to ensure the Coal Industry Standards notified vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board. Data on ambient air quality and heavy metal s such as Hg, As, Ni , Cd, Cr and other monitoring data shall be regularly reported to the Ministry/Regional Office and to the CPCB/SPCB	Ambient Air Quality monitoring reports is submitted herewith vide Annexure A to D .
(iii)	Transportation of coal, to the extent permitted by road, shall be carried out by covered trucks/conveyors. Effective control measures such as regular water/mist sprinkling/rain gun etc shall be carried out in critical areas prone to air pollution (with higher values of PM10/PM2.5) such as haul road, loading/unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central/State Pollution Control Board	Regular water sprinkling activity with aqueous solution of $MgCl_2$ and $CaCl_2$ is being carried out to minimize fugitive dust and ensure that AAQ parameters are restricted to prescribed limit. Fog Cannons are installed to suppress the dust.
(iv)	The transportation of coal shall be carried out as per the provisions and route envisaged in the approved Mining Plan or environment monitoring plan. Transportation of the coal through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed so that the impact of sound, dust	We are carrying out transportation of coal as per approved mine plan. Precautions are taken to not allow the loaded truck to pass within village.



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	and accidents could be appropriately mitigated	
(v)	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centers.	Vehicles used for mining activities are having valid PUC Certificate. Regular monitoring for their PUC certificate is being done by site safety/security staff.
(vi)	Coal stock pile/crusher/feeder and breaker material transfer points shall invariably be provided with dust suppression system. Belt-conveyors shall be fully covered to avoid air borne dust. Side cladding all along the conveyor gantry should be made to avoid air borne dust. Drills shall be wet operated or fitted with dust extractors.	All the transfer points and junction points will be equipped with water sprinklers. Foggers has been deployed for coal stockpile. Wet Drilling activity is being carried out.
(vii)	Coal handling plant shall be operated with effective control measures w.r.t. various environmental parameters. Environmental friendly sustainable technology should be implemented for mitigating such parameters.	Noted and dust suppression system shall be provided at all desired locations with effective control measures.
Water quality monitoring and preservation		
(i)	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act 1974 Coal Industry Standards vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board	It is being complied.
(ii)	The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No.J-20012/ 1/2006-IA.II (M) dated 27th May, 2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance	We will comply with the conditions.
(iii)	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO	Groundwater monitoring will be carried out and test report will be submitted to MoEF&CC/RO. Groundwater level is being carried out, 2 piezometers are already installed, please refer Annexure 6 .
(iv)	Monitoring of water quality upstream and downstream of water bodies shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office	Water quality of upstream and downstream water bodies is monitored by NABL & MoEF accredited laboratory and six monthly report of the same is submitted to MoEF&CC/RO.



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(v)	Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources	3 no's of settling tanks have been made and the accumulated water is being sent through the same. The tanks and mine pit itself act as a rainwater harvesting structure. The water so collected is being used for mining activities.
(vi)	Catch and/or garland drains and siltation ponds in adequate numbers and appropriate size shall be constructed around the mine working, coal heaps & OB dumps to prevent run off of water and flow of sediments directly into the river and water bodies. Further, dump material shall be properly consolidated/compacted and accumulation of water over dumps shall be avoided by providing adequate channels for flow of silt into the drains. The drains/ ponds so constructed shall be regularly de-silted particularly before onset of monsoon and maintained properly. Sump capacity should provide adequate retention period to allow proper settling of silt material. The water so collected in the sump shall be utilized for dust suppression and green belt development and other industrial use. Dimension of the retaining wall constructed, if any, at the toe of the OB dumps within the mine to check run-off and siltation should be based on the rainfall data. The plantation of native species to be made between toe of the dump and adjacent field/habitation/water bodies	It is being complied.
(vii)	Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) after due treatment conforming to the specific requirement (standards)	3 nos of settling tanks have been constructed and it will act as Rainwater harvesting structure and we will develop RWH structure in office premises and nearby villages as part of the CER activity.
(viii)	Industrial waste water generated from CHP, workshop and other waste water, shall be properly collected and treated so as to conform to the standards prescribed under the standards prescribed under Water Act 1974 and Environment (Protection) Act, 1986 and the Rules made there under, and as amended from time to time. Adequate ETP /STP needs to be provided	Effluent treatment plant of 100 KLD has been installed and Sewage treatment plant of 44 KLD has been installed.
(ix)	The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly	We have constructed 3 settling ponds and we are utilizing mine water for dust suppression and for green belt development.
(x)	The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations, considering the presence of	The hydrogeological study has been conducted and NOC has been obtained. Embankment will be constructed as per approved mining plan.



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	river/rivulet/pond/lake etc, shall be prepared and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the approved Mining Plan/EWEMP report and with due approval of the concerned State/GoI Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved Mining Plan and as per the permission of DGMS or any other authority as prescribed by the law.	
(xi)	The project proponent shall take all precautionary measures to ensure riverine/riparian ecosystem in and around the coal mine up to a distance of 5 km. A riverine /riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation / water resource department in the state government	It will be implemented post monsoon in consultation with irrigation department.
Noise and Vibration monitoring and prevention		
(i)	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipment's (PPE) like ear plugs/muffs conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.	All the measures are being complied. Regular maintenance of mine equipment's and HEMM is being done to restrict noise, ear plugs/muffs is provided to the workers engaged in noisy area. Blasting is being done during daytime only.
(ii)	Controlled blasting techniques shall be practiced in order to mitigate ground vibrations, fly rocks, noise and air blast etc., as per the guidelines prescribed by the DGMS	Controlled blasting techniques is being practiced as per the guidelines prescribed by the DGMS.
(iii)	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis	Noise level monitoring is being done on different locations and six monthly report for the same is submitted to Ministry/RO.
Mining Plan		
(i)	Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable	Noted.
(ii)	Mining shall be carried out as per the approved mining plan (including Mine Closure Plan) abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS)	Mining is being done as per the approved Mining Plan.



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(iii)	No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980.	Noted.
(iv)	Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy	Renewable source of energy i.e. Solar lights are installed on the entry and exit gates and as well as on the haul roads.
	Land Reclamation	
(i)	Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale or as notified by Ministry of Environment, Forest and Climate Change(MOEFC) from time to time shall be submitted to MOEFCC/Regional Office (RO).	Digital Survey of the lease area shall be carried out once in three years and report will be submitted to MoEF&CC/Regional Office (RO)
(ii)	The final mine void depth should preferably be as per the approved Mine Closure Plan, and in case it exceeds 40 m, adequate engineering interventions shall be provided for sustenance of aquatic life therein. The remaining area shall be backfilled and covered with thick and alive top soil. Post-mining land be rendered usable for agricultural/forestry purposes and shall be diverted. Further action will be treated as specified in the guidelines for Preparation of Mine Closure Plan issued by the Ministry of Coal dated 27th August, 2009 and subsequent amendments.	Mine closure activities will be done in accordance with the approved mine closure plan.
(iii)	The entire excavated area, backfilling, external OB dumping (including top soil) and afforestation plan shall be in conformity with the "during mining"/"post mining" land-use pattern, which is an integral part of the approved Mining Plan and the EIAEMP submitted to this Ministry. Progressive compliance status vis-a-vis the post mining land use pattern shall be submitted to the MOEFCC/RO	Backfilling of the excavated area, OB dump management and afforestation will be done phase wise manner as per the approved mining plan.
(iv)	Fly ash shall be used for external dump of overburden, backfilling or stowing of mine as per provisions contained in clause (i) and (ii) of subparagraph (8) of fly ash notification issued vide SO 2804 (E) dated 3rd November, 2009 as amended from time to time. Efforts shall be made to utilize gypsum generated from Flue Gas Desulfurization (FGD), if any, along with fly ash for external dump of overburden, backfilling of mines. Compliance report shall be submitted to Regional Office of MoEF&CC, CPCB and SPCB.	We will be utilizing the fly ash for external dump of overburden, backfilling or stowing of mine.
(v)	Further, it may be ensured that as per the time schedule specified in mine closure plan it should remain live till the point of utilization. The topsoil shall temporarily be stored at	As the mines progress, we are complying with the conditions. Topsoil will be stacked as per the approved mining plan and it will be utilized



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	earmarked site(s) only and shall not be kept unutilized. The top soil shall be used for land reclamation and plantation purposes. Active OB dumps shall be stabilized with native grass species to prevent erosion and surface run off. The other overburden dumps shall be vegetated with native flora species. The excavated area shall be backfilled and afforested in line with the approved Mine Closure Plan. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment, Forest and Climate Change/ Regional Office	for plantation purpose within the mine premises. For stabilization of active dump, we will use native grass species to prevent erosion and surface runoff. Excavated area will be backfilled and subsequently reclaimed with native species as per the approved mine and mine closure plan.
(vi)	The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land.	Not Applicable
(vii)	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered/endemic flora/fauna, if any, spotted/reported in the study area. The Action plan in this regard, if any, shall be prepared and implemented in consultation with the State Forest and Wildlife Department	Noted.
(viii)	Greenbelt consisting of 3-tier plantation of width not less than 7.5 m shall be developed all along the mine lease area as soon as possible. The green belt comprising a mix of native species (endemic species should be given priority) shall be developed all along the major approach/ coal transportation roads	Phase wise manner plantation will be done with the consultation with State Forest Department. Plantation activity will be done on every year during monsoon season.
Public bearing and Human health issues		
(i)	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored weekly. The report on the same shall be submitted to this ministry & its RO on six-monthly basis	Adequate illumination is provided, and we are monitoring illumination with the help of lux meter and six monthly compliance report will be submitted to the board.
(ii)	The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check-up, 20% of the personnel identified from workforce engaged in active mining operations shall be subjected to health check-	Occupational health check-up for the workers is being done. Medical inspection room is present in project office and reports attached. Refer Annexure- 7



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	up for occupational diseases and hearing impairment, if any, as amended time to time	
(iii)	Personnel (including outsourced employees) working in core zone shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects	Safety training for the workers will be done and PPEs such as N75 mask will be provided to the workers.
(iv)	Implementation of the action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the action plan submitted with budgetary provisions during the public hearing. Land oustees shall be compensated as per the norms laid down in the R&R policy of the company/State Government/Central Government, as applicable	Issues raised during Public Hearing will be taken care under CSR activities. Compensation will be paid as per the R&R Policy.
(v)	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-1 1013/57 12014-IA.II (M) dated 29th October, 2014, titled 'Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area'	It is being complied.
Corporate Environment Responsibility		
(i)	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions and/or shareholders/ stake holders	We have developed Environmental Policy & Director level Policy for Corporate Environment Responsibility. The same has been attached herewith vide Annexure - 8 .
(ii)	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization	Environmental Cell has been already developed
(iii)	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of	We have prepared year wise budget for environmental protection measures and reference of the same is attached herewith vide Annexure -2



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	action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report	
(iv)	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out	Self-Environmental Audit will be carried out annually and third party audit will be carried out in every three years.
	Miscellaneous	
(i)	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguard s at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent 's website permanently	It is already complied. Advertisement on the following newspaper regarding environmental clearance has been published on 10.11.2022. 1. Lokmat 2. Lokmat Times 3. Lokmat Samachar Environmental Clearance can be seen on company website.
(ii)	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies. Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt	It is already complied. Copy of Environmental Clearance submitted to local bodies, i.e. Collectorate, Gram Panchayats, MPCB, Tehsildar etc.
(iii)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis	We shall upload environmental clearance compliance report in company's website.
(iv)	The project proponent shall monitor U1e criteria pollutants level namely; PM, SO ₂ , NO _x (ambient levels) or critical sectoral parameters indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company	CAAQMS has already been installed and will be connected to CPCB/MPCB server soon. Also, real time data is shown on main gate of the project site.
(v)	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal	Six Monthly Environmental compliance report is being submitted to the Board and same is being uploaded on Parivesh Portal.
(vi)	The project proponent shall follow the mitigation measures provided in this Ministry's OM	Noted.
(vii)	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company	Environmental statement for each financial year will be submitted to the board on or before 30 th September every year and same will be uploaded in company's website.



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(viii)	The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.	We are complying with the conditions.
(ix)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted.
(x)	The project proponent shall abide by all the commitments and recommendation ions made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee	All the recommendations and commitments made in EIA/EMP, issues raised during public hearing/EAC being complied with.
(xi)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment , Forests and Climate Change	Noted.
(xii)	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986	Noted.
(xiii)	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory	Noted.
(xiv)	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions	Noted.
(xv)	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data I information/monitoring reports	Noted.
(xvi)	The above conditions shall be enforced, inter-alla 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. Hazardous and Other Wastes (Management and Trans-boundary Movement) Ru les, 20 16 and the Public Liability Insurance Act, L991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India I High Courts and any other Court of Law relating to the subject matter	The applicable provisions of Water Act, Air Act and Public Liability Insurance Act will be adhered. Also, the company will abide with the directions or orders passed by Hon'ble Supreme Court of India/High Court and other Court of Law relating to the subject matter.
(xvii)	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during presentation to the EAC. All the commitments made on the issues raised during public	It is being complied.



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	hearing shall also be implemented in letter and spirit	
(xviii)	The proponent shall obtain all necessary clearances/approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any further condition for environmental protection. The Ministry or any other competent authority may stipulate any further condition for environmental protection.	All the required clearances are obtained. Any other conditions.
(xix)	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010	No such appeal is supposed to have been plead as per stipulation.
(xx)	The coal company/project proponent shall be liable to pay the compensation against the illegal mining, if any, and as raised by the respective State Governments at any point of time, in terms of the orders dated 2 nd August, 2017 of Hon'ble Supreme Court in WP (Civil) No. 114/2014 in the matter of Common Cause Vs Union Of India & Other	Noted.
(xxi)	The concerned State Government shall ensure no mining operations to commence till the entire compensation for illegal mining, if any, is paid by the project proponent through their respective Department of Mining & Geology, in strict compliance of the judgment of Hon'ble Supreme Court.	Not Applicable
(xxii)	This environmental clearance shall not be operational till such time the project proponent complies with the above said judgment of Hon'ble Supreme court, as applicable, and other statutory requirements.	Not Applicable

Date: 15th June 2024

Place: Bhadravathi, Chitradurga (Dt), Maharashtra

Thanking you

A Lakshmana Rao
 Senior General Manager (Mining)/Agent
 Takli Jena Bellora North & South Coal Mine



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Attachment No	Analysis & Monitoring Report
A. Analysis Reports of December 2023	
i.	Water Analysis Reports
ii.	Ambient Air Monitoring Reports
iii.	Noise Monitoring Reports
B. Analysis Reports of January 2024	
i.	Water Analysis Reports
ii.	Ambient Air Monitoring Reports
iii.	Noise Monitoring Reports
C. Analysis Reports of February 2024	
i.	Water Analysis Reports
ii.	Ambient Air Monitoring Reports
iii.	Noise Monitoring Reports
D. Analysis Reports of March 2024	
i.	Water Analysis Reports
ii.	Ambient Air Monitoring Reports
iii.	Noise Monitoring Reports
1.	CTE & CTO from MPCB
2.	EMP Budget
3.	WRD NOC
4.	Wildlife Conservation
5.	CGWA NOC
6.	Groundwater level report
7.	Health reports of the workers
8.	Environment Policy

