

Date: 27.11.2024

To
Deputy Director General of Forests (C),
Integrated Regional Office, RAIPUR
Ground Floor, Aranya Bhawan, North Block, Sector- 19,
Naya Raipur, Atal Nagar, Chhattisgarh – 492002

Sub: Proposed Kesla-II Limestone Mine (Area 357.067 ha) with production capacity 4.0 Million TPA ROM (Limestone: 3 Million TPA) with crusher capacity of 1000 TPH located in villages Nahardih, Kharora, Kesla and Bardih, Tehsil Tilda, District Raipur, Chhattisgarh - **Submission of Half-Yearly Compliance-reg.**

Ref: Environmental Clearance (EC) granted by MOEFCC, Govt. of India (EC Identification No.; File. No. J-11015/13/2018-IA-II(M)) dated 04.10.2021

Dear Sir,

With reference to above subject matter and referred letter, we would like to mention that mine is not under operation as it is yet to be executed. We are herewith submitting point wise Half-Yearly Compliance report of conditions laid down in Environment Clearance for the period **April, 2024 to September, 2024** for your kind perusal and record.

We would like to mention that **mine is not under operation as we are waiting for orders from State Govt for grant and execution of ML.**

Thanking You

Yours faithfully,
For Dalmia Cement (Bharat) Ltd.

**VIJAYAKRISHNAN
KARTHIKEYAN**

Digitally signed by VIJAYAKRISHNAN
KARTHIKEYAN
Date: 2024.11.28 12:21:28 +05'30'

(V Karthikeyan)

Deputy Executive Director

Encl: As Above

CC:

- 1) The Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Aranya Bhawan, North Block, Sector-19 Naya Raipur, Atal Nagar, Chhattisgarh - 492002.**
- 2) The Regional Directorate, Central Pollution Control Board (CPCB-Central Zone), Parivesh Bhawan, Paryavaran Parisar E-5, Arera Colony, Bhopal-462016.**

Dalmia Cement (Bharat) Limited

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Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

Proposal No	IA/CG/MIN/72578/2018
Compliance ID	68664047
Compliance Number(For Tracking)	EC/M/COMPLIANCE/68664047/2024
Reporting Year	2024
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	28-11-2024
RO/SRO Name	Dr Senthil Kumar Sampath
RO/SRO Email	agmu156@ifs.nic.in
State	CHHATTISGARH
RO/SRO Office Address	Integrated Regional Offices, Raipur

Note:- SMS and E-Mail has been sent to Dr Senthil Kumar Sampath, CHHATTISGARH with Notification to Project Proponent.

**Half Yearly Compliance Report
2024**

01 Dec(01 Apr - 30 Sep)

Acknowledgement

Proposal Name	Environmental Clearance of Proposed Kesla-II Limestone Block (Auction Block) with Limestone: 3.0 Million TPA, Top Soil: 0.15 Million TPA, Mineral Rejects & Waste: 0.85 Million TPA (Total Excavation: 4.0 Million TPA) with Crusher Capacity of 1000 TPH at Villages: Kharora, Kesla, Nahardih and Bardih, Tehsil: Tilda, District: Raipur, Chhattisgarh (ML Area 357.067 ha).		
Name of Entity / Corporate Office	Dalmia Cement (Bharat) Ltd.		
Village(s)	Bard\h		
District	RAIPUR		
Proposal No.	IA/CG/MIN/72578/2018	Category	Non-Coal Mining
Plot / Survey / Khasra No.		Sub-District	Tilda
State	CHHATTISGARH	Entity's PAN	*****9414C
MoEF File No.	J-11015/13/2018-IA-II(M)	Entity name as per PAN	DALMIA CEMENT (BHARAT) LIMITED

Compliance Reporting Details

Reporting Year	2024
Remarks (if any)	We are herewith submitting point wise Half-Yearly Compliance report of conditions laid down in Environment Clearance for the period April, 2024 to September, 2024 for your kind perusal and record.
Reporting Period	01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office	Dalmia Cement (Bharat) Ltd.	
	Project Area as per EC Granted	Actual Project Area in Possession
Private	314.643	0.001
Revenue Land	0	0
Forest	0	0
Others	42.424	0
Total	357.0669999999995	0.001

Production Capacity						
Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Limestone	Million Tons per Annum (MTPA)	N/A	3	Not applicable	Not obtained
Conditions						
Specific Conditions						
Sr.No.	Condition Type	Condition Details				
1	LAND RECLAMATION	vii. Total 120.705 ha mined out/excavated area shall be reclaimed by backfilling over 30.0ha and reclaimed by plantation/re-grassing. Remaining void/excavated area of 90.705 ha shall be reclaimed by carrying out plantation with about 19,500 fruit bearing trees on first 2 upper benches over an area of 9.66 ha in order to increase the greenbelt area and to utilize the area into more productive use.				
PPs Submission: Agreed to Comply Noted for compliance.					Date: 28/11/2024	
2	LAND RECLAMATION	i. The total mine lease area is 357.067ha out of which, 120.705 ha will be the excavated area at the conceptual stage and 212.012 ha undisturbed area, in which PP shall ensure that an area of about 45 ha which is on the eastern side of the road also adjoining the Pvt. Infrastructure should not be disturbed, so that agricultural and existing activities shall continue even after obtaining the surface rights, and the area under nallah and its barrier i.e. 45.652 ha will remain undisturbed till the life of mine.				
PPs Submission: Agreed to Comply Noted for compliance during operation of mine.					Date: 28/11/2024	
3	PUBLIC HEARING	ii. The budget of Rs 4.0 Crores to address the concerns raised by the public including in the public hearing to be completed within 3 years from the date of start of mining operations.				
PPs Submission: Agreed to Comply Noted for compliance. The mine is in initial stage of land development and land purchase. It will be undertaken as per the Action Plan submitted during appraisal of EC.					Date: 28/11/2024	
4	MISCELLANEOUS	iii. The Project Proponent shall implement the Rehabilitation of project affected families (PAFs) and payment of compensation to PAFs as per the policy and guidelines of the Central/State Government, as provided under the law.				
PPs Submission: Agreed to Comply Noted for compliance. Lands are being purchased in mutual agreement with the land owners and compensation is paid as per the Policy and guidelines of the State Government/Central Government as provided under the law.					Date: 28/11/2024	
5	Human Health Environment	iv. A safety Zone of 500 m from any dwelling or habitation will be left out as no mining area and no blasting will be conducted in this zone.				

PPs Submission: Agreed to Comply Noted for compliance.		Date: 28/11/2024
6	MINING PLAN	v. The natural streams (nalas) passing through the mining lease area shall not be disturbed. Further the streams shall be protected by creation of bunds on both sides. The Project Proponent should ensure that safety barrier to be left around Nallah, Canal, Roads, Electric line and dumps should not be less than 100m on both the side.
PPs Submission: Agreed to Comply Noted for compliance.		Date: 28/11/2024
7	GREENBELT	viii.The Project Proponent should undertake the plantation with the survival of not less than 90% and causalities should be replaced with new saplings every year. Causalities replaced should be counted separately other than the total proposed saplings and the data for such saplings should be furnished during six monthly compliance report along with the progressive plantation.
PPs Submission: Agreed to Comply Noted for compliance.		Date: 28/11/2024
8	GREENBELT	ix.Ecology Restoration Plan including green belt as submitted by Project Proponent shall be implemented.
PPs Submission: Agreed to Comply Noted for compliance.		Date: 28/11/2024
9	Corporate Environmental Responsibility	x. The skill development program as proposed by PP should be implemented and the trades to be selected should be such a way that it should meet the local employment demand. The data should be maintained for the training imparted to the persons and the outcome of the training, for the assessment of the training program which should be analyzed periodically and improved accordingly.
PPs Submission: Agreed to Comply Noted for compliance.		Date: 28/11/2024
10	WATER QUALITY MONITORING AND PRESERVATION	xi. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. Monitoring of surface water quality in nalah as well as canals should be undertaken regularly to detect any impact on the water quality due to mining operations and take immediate steps to prevent the same through the modified EMP accordingly.
PPs Submission: Agreed to Comply Noted for compliance.		Date: 28/11/2024
11	WASTE MANAGEMENT	xii. The topsoil shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long The topsoil shall be used for land reclamation and plantation
PPs Submission: Agreed to Comply Noted for compliance during operation of mine.		Date: 28/11/2024

12	Human Health Environment	xiii. Regular surveillance on Silicosis shall be carried through regular occupational health checkup of 1/3 of the persons every year.
PPs Submission: Agreed to Comply Noted for compliance.		Date: 28/11/2024
13	AIR QUALITY MONITORING AND PRESERVATION	xiv. DGMS Approved dust sampler should be used in mine site for monitoring of air pollutants.
PPs Submission: Agreed to Comply Noted.		Date: 28/11/2024
14	GREENBELT	vi. The Project Proponent shall carry out greenbelt/plantation on the area in various safety barrier along the nalla and 7.5 m safety zone along ML boundary during the initial years of mining by undertaking 3-tier plantation which includes the floral components viz. grasses, bushes and trees. Plantation in the remaining area of undisturbed area (212.012 Ha) shall also be done and should be completed within 3 years.
PPs Submission: Agreed to Comply Noted for compliance. Plantation/Greenbelt will be undertaken during mining operation.		Date: 28/11/2024
15	WATER QUALITY MONITORING AND PRESERVATION	xv. The Project Proponent should obtain the NOC from CGWA before commencing mining operation.
PPs Submission: Complied Complied. CGWA NOC has been obtained for ground water abstraction and ground water seepage vide NOC no. CGWA/NOC/MIN/ORIG/2021/12712 dated 01/09/2021 and valid upto 31/08/2023. We would like to mention that all statutory compliances have been submitted to the Govt. of Chhattisgarh for Grant of Mining Lease as per Mineral (Auction) Rules, 2015 and the order is awaited. The Mine is not under operation and we have neither constructed any of the proposed Tube well(s) for ground water abstraction nor abstracted any groundwater during the validity period of No Objection Certificate. DCBL has applied for Validity Extension of NOC on 21.06.2023 and the same is awaited. Copy of the same was submitted along with previous Half Yearly Compliance report.		Date: 28/11/2024
General Conditions		
Sr.No.	Condition Type	Condition Details
1	Statutory compliance	1. This Environmental Clearance (EC) is subject to orders/judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
PPs Submission: Agreed to Comply Noted		Date: 28/11/2024
2	Statutory compliance	2. The Project proponent complies with all the statutory requirements and judgement of Hon'ble Supreme Court dated 2nd August,2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors before commencing the mining operations.

PPs Submission: Agreed to Comply Noted		Date: 28/11/2024
3	AIR QUALITY MONITORING AND PRESERVATION	10. Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.
PPs Submission: Agreed to Comply Noted for compliance during operation. All mitigation measures will be undertaken to control fugitive emission such as water sprinkling, bag filter/dry fog system at crusher etc. Plantation will also be done which will help to control fugitive emission.		Date: 28/11/2024
4	WATER QUALITY MONITORING AND PRESERVATION	11. In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
PPs Submission: Complied Complied. Detailed Hydrogeological study have been undertaken by JM EnviroNet Pvt. Ltd. for Hydro-geological evaluation during grant of EC. CGWA NOC has been obtained for ground water abstraction and ground water seepage vide NOC no. CGWA/NOC/MIN/ORIG/2021/12712 dated 01/09/2021 and valid upto 31/08/2023. We would like to mention that all statutory compliances have been submitted to the Govt. of Chhattisgarh for Grant of Mining Lease as per Mineral (Auction) Rules, 2015 and the order is awaited. The Mine is not under operation and we have neither constructed any of the proposed Tube well(s) for ground water abstraction nor abstracted any groundwater during the validity period of No Objection Certificate. DCBL has applied for Validity Extension of NOC on 21.06.2023 and the same is awaited. Copy of the same was submitted along with previous Half Yearly Compliance report. Hydrogeological Study report was submitted along with Half-yearly compliance report.		Date: 28/11/2024
5	WATER QUALITY MONITORING AND PRESERVATION	12. Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
PPs Submission: Agreed to Comply Noted for compliance during operation.		Date: 28/11/2024
6	MINING PLAN	22. The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the

		mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEF&CC and its concerned Regional Office.
PPs Submission: Agreed to Comply Noted for compliance. Mining operation and reclamation-rehabilitation of mined out area will be carried out in accordance with the approved mining plan.		Date: 28/11/2024
7	MISCELLANEOUS	27. No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. [If applicable in case of road transport].
PPs Submission: Agreed to Comply Noted for compliance during operation of mine. Excavated limestone will be transported to crusher by haul road through dumpers. The crusher is proposed to be located within mining lease adjoining the South Western side boundary of ML. PUC certified dumpers will be used and maintained regularly. Water will also be sprinkled on haul road. Crushed limestone will be further transported to the interlinked cement plant via covered conveyor belt.		Date: 28/11/2024
8	AIR QUALITY MONITORING AND PRESERVATION	28. The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.
PPs Submission: Agreed to Comply Noted for compliance during operation of mine.		Date: 28/11/2024
9	GREENBELT	29. The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.

<p>PPs Submission: Agreed to Comply Noted for Compliance. Safety barrier (No mining zone) of 7.5m is demarcated all along the ML boundary as per approved mining plan and greenbelt/plantation will be developed as per guidelines of CPCB.</p>		<p>Date: 28/11/2024</p>
10	MISCELLANEOUS	40. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
<p>PPs Submission: Agreed to Comply Noted.</p>		<p>Date: 28/11/2024</p>
11	MISCELLANEOUS	41. Concealing factual data failure to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
<p>PPs Submission: Agreed to Comply Noted.</p>		<p>Date: 28/11/2024</p>
12	LAND RECLAMATION	23. The Overburden (O.B.) generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by D.G.M.S w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of top soil/OB dumps. The topsoil shall be used for land reclamation and plantation
<p>PPs Submission: Agreed to Comply Noted for compliance. There is no dump formation during this compliance period. Management of OB, Topsoil will be done as per the approved mining plan. Both will be stacked separately at the earmarked place and physical parameters of the dumps will be maintained as per approved mining plan and as per the guidelines/circulars issued by D.G.M.S. As per the Approved Mining Plan, overburden generated will be will be used for backfilling. Top Soil will be used for greenbelt/plantation development.</p>		<p>Date: 28/11/2024</p>
13	LAND RECLAMATION	24. The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ leveling of dump mass. In critical areas, use of geo textiles/ geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.
<p>PPs Submission: Agreed to Comply Noted for compliance. No dump has been formed during this compliance period.</p>		<p>Date: 28/11/2024</p>
14	LAND RECLAMATION	25. Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.

<p>PPs Submission: Agreed to Comply Noted for compliance. Protective measures such as Retaining wall and Garland drain along with settling tanks will be provided all along the mining or dumping area to restrict the surface runoff. Protective bund will be prepared all around the proposed water reservoir. Clean and clear water after sedimentation will be discharged in natural drainage.</p>		<p>Date: 28/11/2024</p>
15	LAND RECLAMATION	<p>26. Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.</p>
<p>PPs Submission: Agreed to Comply Noted for compliance during operation of mine.</p>		<p>Date: 28/11/2024</p>
16	GREENBELT	<p>31. The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.</p>
<p>PPs Submission: Not Complied No grazing land falls within ML area.</p>		<p>Date: 28/11/2024</p>
17	WATER QUALITY MONITORING AND PRESERVATION	<p>13. The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease and maintain its records. The project proponent shall undertake regular monitoring of water quality upstream and downstream of water bodies passing within and nearby/ adjacent to the mine lease and maintain its records. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. PP shall carryout regular monitoring w.r.t. pH and included the same in monitoring plan. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.</p>
<p>PPs Submission: Agreed to Comply Noted for compliance during operation.</p>		<p>Date: 28/11/2024</p>

18	WATER QUALITY MONITORING AND PRESERVATION	14. Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J- 20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
PPs Submission: Agreed to Comply Noted for compliance.		Date: 28/11/2024
19	WATER QUALITY MONITORING AND PRESERVATION	15. Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.
PPs Submission: Agreed to Comply Noted for compliance during operation. Hydrogeological Study including Rain Water Harvesting Plan was prepared and submitted to CGWA along with the Application for NOC. NOC has been obtained from CGWA vide NOC dated 01/09/2021. DCBL has applied for Validity Extension of NOC on 21.06.2023 and the same is awaited. Copy of the same was submitted along with previous Half Yearly Compliance report. Rain water harvesting plan submitted to CGWA will be implemented. Copy of the same was submitted along with Half-yearly compliance report.		Date: 28/11/2024
20	WATER QUALITY MONITORING AND PRESERVATION	16. Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
PPs Submission: Agreed to Comply Noted. Currently, no waste water is generated during this compliance period. However, with the advancement of mining activities, it will be ensured that the effluent generated from the workshop when established will be treated properly to conform to the prescribed standards.		Date: 28/11/2024
21	WATER QUALITY MONITORING AND PRESERVATION	17. The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.
PPs Submission: Agreed to Comply Noted.		Date: 28/11/2024
22	Noise Monitoring & Prevention	18. The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
PPs Submission: Agreed to Comply Noted for compliance.		Date: 28/11/2024
23	Noise Monitoring & Prevention	19. 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 /night hours.
PPs Submission: Agreed to Comply Noted for compliance.		Date: 28/11/2024
24	Noise Monitoring & Prevention	20. The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.
PPs Submission: Agreed to Comply Noted for compliance during operation of mine. Adequate measures, detailed in EIA/EMP and Mining plan, shall be implemented to control the noise level below 85 dBA in the work environment. PPE will be provided to all workers engaged in operations of HEMM, working in dusty area etc. Awareness training programs about safety and health aspects will also be arranged.		Date: 28/11/2024
25	MINING PLAN	21. The Project Proponent shall adhere to approved mining plan, inter alia, including total excavation (quantum of mineral, waste, overburden, interburden and top soil etc.); mining technology; lease area; scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land-use of the mine lease area at various stages of mining scheme as well as end-of-life; etc.
PPs Submission: Agreed to Comply Noted for compliance during operation of mine. Mining will be done as per the IBM approved mining plan.		Date: 28/11/2024
26	GREENBELT	30. The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.
PPs Submission: Agreed to Comply Noted for Compliance. Greenbelt/plantation will be done in 7.5m safety barrier along the ML boundary and safety zone along various barriers such as Nallah, road, electric lines and safety zone from habitation. Development of Greenbelt/Plantation will be done as per the CPCB guidelines. Native species will be planted. About Rs. 3.26 Crore have been earmarked for greenbelt and plantation till conceptual stage.		Date: 28/11/2024
27	Human Health Environment	32. Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic: infrastructure/ facilities

		like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.
PPs Submission: Agreed to Comply Noted for compliance during site development activities. It is a mining project and no major construction activities will be involved except construction of a mine office. Necessary arrangements such as rest shelter, drinking water, mobile toilets, Medical health care etc. will be provided for the workers.		Date: 28/11/2024
28	Corporate Environmental Responsibility	33. The Project Proponent shall submit the time-bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA. III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.
PPs Submission: Agreed to Comply Noted for compliance. A time bound action plan was prepared on the basis of issues raised during public hearing and submitted during appraisal. Copy of the same was submitted along with previous Half-yearly Compliance Report.		Date: 28/11/2024
29	MISCELLANEOUS	34. The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.
PPs Submission: Agreed to Comply Noted for compliance.		Date: 28/11/2024
30	MISCELLANEOUS	35. The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
PPs Submission: Agreed to Comply Noted for compliance.		Date: 28/11/2024
31	MISCELLANEOUS	36. The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
PPs Submission: Agreed to Comply Noted for compliance.		Date: 28/11/2024
32	MISCELLANEOUS	37. A separate 'Environmental Management Cell' with suitable qualified manpower should be set up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF&CC.

PPs Submission: Agreed to Comply Noted for compliance.		Date: 28/11/2024
33	MISCELLANEOUS	38. The concerned Regional Office of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) by furnishing the requisite data / information/ monitoring reports.
PPs Submission: Agreed to Comply Noted.		Date: 28/11/2024
34	MISCELLANEOUS	39. In pursuant to Ministry's O.M No 22-34/2018-IA.111 dated 16.01.2020 to comply with the direction made by Hon'ble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
PPs Submission: Agreed to Comply Noted.		Date: 28/11/2024
35	Statutory compliance	3. The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgement of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
PPs Submission: Not Complied This is a Greenfield project.		Date: 28/11/2024
36	Statutory compliance	4. The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IAJI (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".
PPs Submission: Agreed to Comply Noted.		Date: 28/11/2024
37	Statutory compliance	5. A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.
PPs Submission: Agreed to Comply -		Date: 28/11/2024
38	Statutory compliance	6. State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.

PPs Submission: Agreed to Comply		Date: 28/11/2024
39	Statutory compliance	7. The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the Ministry of Environment, Forest and Climate Change (www.environmentalclearance.nic.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
PPs Submission: Complied Complied. A public notice informing about grant of EC has been published in two newspapers named Chhatisgarh Watch and Amrit Sandesh on 10th October 2021 in English as well as in vernacular language i.e. Hindi. Copy of Advertisements were submitted along with previous Half-yearly compliance report (June 2022). Newspapers with advertisement have been submitted to the Integrated Regional Office of MoEFCC. Copy of submission receipt was submitted along with previous Half-yearly compliance report.		Date: 28/11/2024
40	Statutory compliance	8. The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred than mining operation shall only be carried out after transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.
PPs Submission: Agreed to Comply Noted.		Date: 28/11/2024
41	AIR QUALITY MONITORING AND PRESERVATION	9. The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2; CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCUI, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.
PPs Submission: Agreed to Comply Noted for compliance during operation of mine.		Date: 28/11/2024
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		
Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's		

reference purpose.