

Date: 27.11.2023

To,
Deputy Director General of Forest (C),
Ministry of Environment, Forest & Climate Change
Integrated Regional Office, Ground Floor
East Wing, New Secretariat Building,
Civil Lines, Nagpur-440001
Maharashtra.

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, 2023 to September, 2023** 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.



(V Karthikeyan)

Deputy Executive Director

Encl: As Above

CC:

- 1) The Regional Officer, Chhattisgarh Environment Conservation Board, Commercial Complex, Chhattisgarh Housing Board Colony, Kabir Nagar, Raipur, Chattisgarh – 492001.
- 2) The Regional Directorate, Central Pollution Control Board (CPCB- Central Zone), Parivesh Bhawan, Paryavaran Parisar E-5, Arera Colony, Bhopal-462016.

Proposed Kesla-II Limestone Block (Area 357.067 ha) 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 located at Villages - Kharora, Kesla, Nahardihand Bardih, Tehsil Tilda, District Raipur, Chhattisgarh of M/s. Dalmia Cement (Bharat) Ltd.

HALF YEARLY COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE

APRIL 2023 TO SEPTEMBER 2023

EC Identification No. - EC21A001CG117283; File No. - J-11015/13/2018-IA-II(M); Dated: 04/10/2021.

Mine is not under operation as Lease is yet to be executed.

Specific EC conditions: -

Sr.	Conditions	Remarks
i.	The total mine lease area is 357.067 ha 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.	Noted for compliance during operation of mine.
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.	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.
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.	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.
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.	Noted for compliance.
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.	Noted for compliance.
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	Noted for compliance. Plantation/Greenbelt will be undertaken during mining operation.

Proposed Kesla-II Limestone Block (Area 357.067 ha) 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 located at Villages - Kharora, Kesla, Nahardihand Bardih, Tehsil Tilda, District Raipur, Chhattisgarh of M/s. Dalmia Cement (Bharat) Ltd.

Sr.	Conditions	Remarks
	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.	
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.	Noted for compliance.
viii.	The Project Proponent should undertake the plantation with the survival of not less than 90% and casualties should be replaced with new saplings every year. Casualties 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.	Noted for compliance.
ix.	Ecology Restoration Plan including green belt as submitted by Project Proponent shall be implemented.	Noted for compliance.
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.	Noted for compliance.
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 nallah 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.	Noted for compliance.
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	Noted for compliance during operation of mine.

Proposed Kesla-II Limestone Block (Area 357.067 ha) 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 located at Villages - Kharora, Kesla, Nahardihand Bardih, Tehsil Tilda, District Raipur, Chhattisgarh of M/s. Dalmia Cement (Bharat) Ltd.

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xiii.	Regular surveillance on Silicosis shall be carried through regular occupational health checkup of 1/3 of the persons every year.	Noted for compliance.
xiv.	DGMS Approved dust sampler should be used in mine site for monitoring of air pollutants.	Noted.
xv.	The Project Proponent should obtain the NOC from CGWA before commencing mining operation.	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 (Copy enclosed as Annexure-I) and the same is awaited.

Standard Conditions: -

Sr.	Conditions	Remarks
I.	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.	Noted
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.	Noted
3)	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining	This is a Greenfield project.

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	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.	
4)	The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29 th 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".	Noted.
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.	-
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.	-
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.	Noted. A public notice informing about grant of EC has been published in two newspapers named "Chhatisgarh Watch" and "Amrit Sandesh" on 10 th 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 submitted in June, 2022.
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.	Noted.
II.	Air quality monitoring and preservation	

Proposed Kesla-II Limestone Block (Area 357.067 ha) 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 located at Villages - Kharora, Kesla, Nahardihand Bardih, Tehsil Tilda, District Raipur, Chhattisgarh of M/s. Dalmia Cement (Bharat) Ltd.

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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/PCI/I, 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.	Noted for compliance during operation of mine.
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.	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.
III.	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.	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

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		<p>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 (Copy enclosed as Annexure-I) and the same is awaited.</p> <p>Hydrogeological Study report was submitted along with Half-yearly compliance report submitted in June, 2022.</p>
12)	<p>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.</p>	<p>Noted for compliance during operation.</p>
13)	<p>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. 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</p>	<p>Noted for compliance during operation.</p>

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	<p>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>	
14)	<p>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.</p>	<p>Noted for compliance.</p>
15)	<p>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.</p>	<p>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 (Copy enclosed as Annexure-I) and the same is awaited. Rain water harvesting plan submitted to CGWA will be implemented. Copy of the same was submitted along with previous Half-yearly compliance report submitted in June, 2022.</p>
16)	<p>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</p>	<p>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</p>

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	workshop effluent shall be treated after its initial passage through Oil and grease trap.	when established will be treated properly to conform to the prescribed standards.
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.	Noted.
IV.	Noise and vibration monitoring and 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.	Noted for compliance.
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.	Noted for compliance.
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.	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.
V.	Mining Plan	
21)	The Project Proponent shall adhere to approved mining plan, inter alia, including total excavation (quantum of mineral, waste, over burden, inter burden 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.	Noted for compliance during operation of mine. Mining will be done as per the IBM approved mining plan.

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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.	Noted for compliance. Mining operation and reclamation-rehabilitation of mined out area will be carried out in accordance with the approved mining plan.
VI.	Land reclamation	
23)	The Overburden (O.B.), waste and topsoil 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. The topsoil shall be used for land reclamation and plantation.	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.
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.	Noted for compliance. No dump has been formed during this compliance period.
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	Noted for compliance. Protective measures such as Retaining wall and Garland drain along with settling tanks/ will be provided all along the mining/dumping area to restrict the surface runoff. Protective bund will be

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	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.	prepared all around the proposed water reservoir. Clean & clear water after sedimentation will be discharged in natural drainage.
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.	Noted for compliance during operation of mine.
VII.	Transportation	
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].	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.
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	Noted for compliance during operation of mine.

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	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.	
VIII.	Green Belt	
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.	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.
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.	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 & plantation till conceptual stage.
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/	No grazing land falls within ML area.

Proposed Kesla-II Limestone Block (Area 357.067 ha) 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 located at Villages - Kharora, Kesla, Nahardihand Bardih, Tehsil Tilda, District Raipur, Chhattisgarh of M/s. Dalmia Cement (Bharat) Ltd.

Sr.	Conditions	Remarks
	protected against felling and plantation of such trees should be promoted.	
IX.	Public hearing and human health issues	
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.	Noted for compliance during site development activities. It's 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.
X.	Corporate Environment Responsibility (CER)	
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.	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 submitted in June, 2022.
XI.	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.	Noted for compliance.
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.	Noted for compliance.
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.	Noted for compliance.
37)	A separate 'Environmental Management Cell' with suitable qualified manpower should be set up under the control of a Senior Executive. The Senior Executive	Noted for compliance.

Proposed Kesla-II Limestone Block (Area 357.067 ha) 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 located at Villages - Kharora, Kesla, Nahardihand Bardih, Tehsil Tilda, District Raipur, Chhattisgarh of M/s. Dalmia Cement (Bharat) Ltd.

Sr.	Conditions	Remarks
	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.	
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.	Noted.
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.	Noted.
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.	Noted.
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.	Noted.

Date: 21.06.2023

To
Member Secretary,
Central Ground Water Authority,
Gallery 18/11, Jamnagar House,
New Delhi-110011.

Subject: Proposed Kesla-II Limestone Block (Area 357.067 ha) at Villages: Kharora, Kesla, Nahardih and Bardih, Tehsil: Tilda, District: Raipur, Chhattisgarh by Dalmia Cement (Bharat) Limited (DCBL) – **Request for Extension of Validity of Existing NOC regarding.**

Ref: 1. NOC no. CGWA/NOC/MIN/ORIG/2021/12712 dated 01/09/2021 and valid upto 31/08/2023.

Dear Sir,

With reference to aforesaid subject and above cited reference matter; we would like to bring to your kind notice that CGWA NOC has been obtained for ground water abstraction and ground water seepage for the said project vide NOC No. **CGWA/NOC/MIN/ORIG/2021/12712** dated **01/09/2021** and valid upto **31/08/2023**. (Copy enclosed- Annexure-1)

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 we are **awaiting for the order**. 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.

Considering the same, we request your good self to kindly grant us the Extension of Validity of Existing NOC for further period of 2 years in line with the provision as specified under para 12 of the Notification **S.O. 3289(E)** dated 24.09.2020. In line with the guideline issued by CGWA, payment of Rs. 5000 has been made in Penalty 070202800020000-MISC. RECEIPTS head at <https://bharatkosh.gov.in/> vide **Transaction Ref. No. 2006230009923** dated 20.06.2023. (Copy enclosed- Annexure-2)

Thanking you and with regards,

Yours faithfully,
For Dalmia Cement (Bharat) Limited


(V. Karthikeyan) 21/6/23
Deputy Executive Director

Encl: As above



भारत सरकार :
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Kesla - li Limestone Mine (auction Block) Of Dalmia Cement (bharat) Limited		
Project Address:	Dalmia Cement (bharat) Limited, Kesla - li Limestone Block		
Village:	Kesla	Block:	Tilda
District:	Raipur	State:	Chhattisgarh
Pin Code:			
Communication Address:	Mr. U.r. Raju (executive Director), Dalmia Cement (bharat) Ltd., 11th And 12th Floor, Hansalaya Building, 15, Barakhamba Road, , Central, Delhi - 110001		
Address of CGWB Regional Office :	Central Ground Water Board North Central Chhattisgarh, 2nd Floor, Lk Corporate And Logistic Park, Dhamtari Road, Nh-30, Dumartarai, Raipur, Chhattisgarh - 492015		

1. NOC No.:	CGWA/NOC/MIN/ORIG/2021/12712											
2. Application No.:	21-4/2897/CT/MIN/2019	3. Category: (GWRE 2017)	Safe									
4. Project Status:	New Project	5. NOC Type:	New									
6. Valid from:	01/09/2021	7. Valid up to:	31/08/2023									
8. Ground Water Abstraction Permitted:												
	Fresh Water		Saline Water									
	Dewatering		Total									
	m ³ /day	m ³ /year	m ³ /day									
	m ³ /day	m ³ /year	m ³ /day									
	100.00	30000.00	193.40									
			58020.00									
9. Details of ground water abstraction /Dewatering structures												
	Total Existing No.:0						Total Proposed No.:4					
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	0	0	0	0	0	0	2	0	0	0
Dewatering Structure*	0	0	0	0	0	0	0	0	0	0	2	0
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps												
10. Ground Water Abstraction/Restoration Charges paid (Rs.):	176040.00											
11. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers						Monitoring Mechanism					
							Manual	DWLR**	DWLR With Telemetry			
**DWLR - Digital Water Level Recorder	1						0	1	0			

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m³/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCPE list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m³/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)



bharatkosh.gov.in
Government of India Receipt Portal

RECEIPT

Transaction Ref.No. 2006230009923

Dated: Jun 20 2023 5:11PM

Received from M/S. DALMIA CEMENT BHARAT LTD with Transaction Ref.No. 2006230009923

Dated Jun 20 2023 5:11PM the sum of INR 5000 (Five Thousand Only) through Internet based Online payment in the account of

Penalty, , Fee for Extension of Existing NOC of Kesla-II Mine.

Disclaimer:- This is a system generated electronic receipt, hence no physical signature is required for the purpose of authentication

Printed On: 20-06-2023 05:30:00