

FUTURE TODAY

To,

Date: 20.11.2024

The Addl. Principal Chief Conservator of Forests (C),
Ministry of Env., Forest and Climate Change
Regional Office (WZ), E-5
Kendriya Paryavaran Bhawan,
E-5 Arera Colony, Link Road-3, Ravishankar Nagar,
Bhopal-462016

Subject: Pagara-Jhiriya Limestone Mine (ML Area: 395.965 ha including mining area 185.57 Ha, non-mining area 208.395 Ha and area for installation of 500 TPH Capacity of Crusher 2 Ha) located near Villages: Pagra, Jhiriya Kothar, Jhiriya Bajpaien & Jhiriya Koparihan, Tehsil: Rampur Baghelan, District: Satna, Madhya Pradesh of M/s Dalmia Cement (Bharat) Ltd. - *Submission of Half-Yearly Compliance-reg.*

Ref: Environmental Clearance (EC) granted by MOEFCC, Govt. of India vide Letter No. J- 11015/58/2017-IA.II (M) dated 26.07.2021.

Dear Sir,

With reference to above subject matter and referred letter, we are herewith submitting point wise Half-Yearly Compliance report of conditions laid down in Environment Clearance for the period **April-2024 to Sept- 2024** for your kind perusal and record.

Thanking You,

Yours Faithfully,

For, M/s. Dalmia Cement Bharat Limited.



Dinesh Dixit

HOD, Mines

Encl: a/a

Cc: 1. Regional Director, CPCB Zonal Office, Vithal Market, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016, Madhya Pradesh.
2. Regional Officer, M.P.Pollution Control Board, Satna Madhya Pradesh.

Dalmia Cement (Bharat) Limited

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CIN:U65191TN1996PLC035963

Registered Office: Dalmiapuram, District Tiruchirappalli - 621 651, Tamil Nadu, India

A Dalmia Bharat group company, www.dalmiabharat.com

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

Proposal No	IA/MP/MIN/64735/2017
Compliance ID	111765370
Compliance Number(For Tracking)	EC/M/COMPLIANCE/111765370/2024
Reporting Year	2024
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	29-11-2024
RO/SRO Name	Shri Ashok Kumar Sinha
RO/SRO Email	tg035@ifs.nic.in
State	MADHYA PRADESH
RO/SRO Office Address	Integrated Regional Offices, Bhopal

Note:- SMS and E-Mail has been sent to Shri Ashok Kumar Sinha, MADHYA PRADESH with Notification to Project Proponent.

Half Yearly Compliance Report**2024****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

Proposal Name	Proposed Pagara-Jhiriya Limestone Mine (ML Area: 395.965 ha including mining area 185.57 Ha, non-mining area 208.395 Ha and area for installation of 500 TPH Capacity of Crusher 2 Ha) located near Villages: Pagra, Jhiriya Kothar, Jhiriya Bajpaien & Jhiriya Koparihan, Tehsil: Rampur Baghelan, District: Satna, Madhya Pradesh of M/s Dalmia Cement (Bharat) Ltd.		
Name of Entity / Corporate Office	Dalmia Cement (Bharat) Ltd.		
Village(s)	JHIRIYA		
District	SATNA		
Proposal No.	IA/MP/MIN/64735/2017	Category	Non-Coal Mining
Plot / Survey / Khasra No.		Sub-District	Amarpatan
State	MADHYA PRADESH	Entity's PAN	*****9414C
MoEF File No.	J-11015/58/2017-IA.II(M)	Entity name as per PAN	DALMIA CEMENT (BHARAT) LIMITED

Compliance Reporting Details

Reporting Year	2024
Remarks (if any)	
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	392.081	30.896
Revenue Land	0	0
Forest	0	0
Others	3.884	0
Total	395.96500000000003	30.896

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Limestone	Million Tons per Annum (MTPA)	31/07/2025	1.5	285 Tons	1.5

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	Project proponent shall examine the possibility of undertaking commercial plantation in consultation with local community within two years.
PPs Submission: Agreed to Comply Noted.		Date: 18/11/2024
2	Human Health Environment	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.		Date: 18/11/2024
3	Statutory compliance	The Project Proponent should obtain permission for withdrawal of ground water before commencing mining operations.
PPs Submission: Complied Complied. CGWA NOC has been obtained for ground water abstraction vide NOC no CGWA/NOC/MIN/ORIG/2021/13090 dated 25/09/2021 which is valid up to 24/09/2023. The extension of NOC validity is valid up to 24.09.2025. (A copy of the same is attached in Annexure-II)		Date: 27/11/2024
4	WATER QUALITY MONITORING AND PRESERVATION	The Project Proponent shall submit detailed Hydro Geological study for blocks where the water table is intersecting and obtain permission from CGWA before undertaking mining operations.
PPs Submission: Complied Complied. Detailed Hydrogeological study have been undertaken by JM EnviroNet Pvt. Ltd. for Hydro-geological evaluation during grant of EC. Ground water intersection is not anticipated in first 15 years of mining as per the study carried out. Prior NOC will be taken from CGWA for intersection of ground water. CGWA NOC has been obtained for ground water abstraction vide NOC no CGWA/NOC/MIN/ORIG/2021/13090 dated 25/09/2021 and it is valid up to 24/09/2023. The extension of NOC validity is valid up to 24.09.2025. (A copy of the same is attached in Annexure-II) Hydrogeological Study report was submitted earlier with the previous Compliance Report. Copy of Hydrogeological Study report has been submitted to RO, MOEFCC dated 01.12.2021 and the acknowledgement receipt of the same was also submitted earlier with previous Compliance report.		Date: 27/11/2024
5	MINING PLAN	The Project Proponent shall carry out the mining only in 187.57 Ha [185.57 Ha permissible mineral extraction area and 2 Ha for setting up of crusher of 500 TPH] only. The area of 208.395 Ha shall be treated as no mining area. In the no mining area only green belt development, afforestation and other protective activities shall be carried out.
PPs Submission: Agreed to Comply Mining activities will be carried out only in 187.57 Ha. Remaining 208.395 Ha will be treated as no mining area and only green belt development, afforestation and other protective activities will be carried out in accordance to the IBM approved Mining Plan.		Date: 18/11/2024
6	AIR QUALITY MONITORING AND PRESERVATION	The Project Proponent shall install the AQ station at the mine site, villages, from 500m edge of mining lease boundary towards Mini Zoo & White Tiger Safari for monitoring of any impact due to mining for the parameters mentioned.

<p>PPs Submission: Agreed to Comply Noted. This is a Greenfield project and currently the mining activities is limited to initial land development and land purchase. Installation of AQ stations as prescribed will be undertaken with advancement of mining activities.</p>		<p>Date: 18/11/2024</p>
7	Human Health Environment	<p>The Project Proponent shall monitor the ground vibration at the site, near the boundary and sensitive receptor during blasting. Villages located in non-mining zone shall be protected from noise and vibration, air pollution by adopting measures as given in the EMP and as per the DGMS.</p>
<p>PPs Submission: Agreed to Comply Noted. Currently, initial land development activities have been undertaken only. Blasting has not been undertaken yet. Vibration shall be monitored regularly and all necessary protection measures shall be undertaken as per EMP and rules/guidelines of DGMS. However, no blasting is proposed in 300 m safety barrier from habitation.</p>		<p>Date: 18/11/2024</p>
8	PUBLIC HEARING	<p>The budget of Rs. 2.0 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.</p>
<p>PPs Submission: Being Complied Being Complied. 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. Following activities as committed has already been undertaken: 1. Water Tanker of 5000-liter capacity has been provided to Gram Panchayat Jhiriya Koparihan 2. Drilling of water borewell at village Jhiriya Kothar and Jhiriya Bajpaien 3. Support extended during Covid-19 pandemic by distributing masks, sanitizers in all villages. Ration support for 300 under privileged families. 4. Imparting training for skill development through Dalmia Institute of Knowledge and Skill Harnessing (DiKSHA) for youths of Pagara, Jhiriya Bajpein, Jhiriya Kothar and Jhiriya Koparihan villages. Total Cost Rs 9.90 Lakh. 5. Sustainable Livelihood Development Program implementation through Dalmia Bharat Foundation (DBF) for upliftment of Women, Animal Husbandry and Agriculture in Pagara, Jhiriya Bajpein, Jhiriya Kothar and Jhiriya Koparihan villages. Total Cost Rs 10.93 Lakh. (The details have been submitted earlier with previous compliance report)</p>		<p>Date: 27/11/2024</p>
9	LAND RECLAMATION	<p>The Project Proponent shall return each block within 2 years after completion of each activity at each block with the proper reclamation for the purpose of agriculture.</p>
<p>PPs Submission: Agreed to Comply Noted. After reaching at ultimate depth, part of the excavated pits will be backfilled and returned for agricultural purposes within 2 years. Part of excavated pits will be developed as water reservoir for community use.</p>		<p>Date: 18/11/2024</p>
10	GREENBELT	<p>The Project Proponent shall undertake the plantation in peripheral zone and ensure that the plantation in peripheral zone and plantation along haul roads should be completed within 3 years from the date of commencement of mining operations with at least 90% survival rate. Casualties of the previous year should be replaced other than the saplings proposed to be planted every year. PP shall provide tree guard to maintain the early stages of plant growth. PP shall undertake commercial plantation within 2 years at each block after it is backfilled.</p>
<p>PPs Submission: Agreed to Comply Noted. The mining activities is currently limited to initial mine development within the permissible area and activity related to land purchase However, plantation has been started in the purchased land. Soon after, land development activities and land purchase, plantation will be taken up in the desired manner. 350 plants have been planted within the ML area in this compliance period in addition to 100 Nos saplings planted up to previous compliance period. Photographs showing plantation is</p>		<p>Date: 19/11/2024</p>

attached as Annexure-I.		
11	MISCELLANEOUS	The Project Proponent shall convert the proposed 1.7 km road into cement road which connects the NH-75 for mineral transportation.
PPs Submission: Agreed to Comply Noted. Currently, DCBL is in the process of acquiring land to develop a dedicated road for mineral transportation.		Date: 18/11/2024
12	MISCELLANEOUS	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. 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: 18/11/2024
13	Corporate Environmental Responsibility	The Project Proponent shall also organize employment-based apprenticeship/ internship training program every year with appropriate stipend for the youth and other programs to enhance the skill of the local people.
PPs Submission: Agreed to Comply Noted.		Date: 18/11/2024
14	LAND RECLAMATION	The Project Proponent shall ensure that the water bodies used for community development.
PPs Submission: Agreed to Comply Noted. After reaching ultimate depth, part of excavated pits will be developed as water reservoir for community use.		Date: 18/11/2024
15	Statutory compliance	The Project Proponent should strictly follow the protective measures as suggested by PCCF, MP in the NOC granted vide Lr ...//81/3928 dated 10.06.2021 regarding the Maharaja Martand Singh Judeo Dev White Tiger Safari and Zoo.
PPs Submission: Agreed to Comply Noted.		Date: 18/11/2024
General Conditions		
Sr.No.	Condition Type	Condition Details
1	Statutory compliance	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: 18/11/2024
2	WATER QUALITY MONITORING AND PRESERVATION	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.
<p>PPs Submission: Agreed to Comply Noted. Currently, no waste water is generated as mining activities is limited to initial development and land purchase. However, in future it will be ensured that the effluent generated from the workshop when established, will be treated properly to conform to the prescribed standards. Valid CTO copy is attached in Annexure-III.</p>		<p>Date: 28/11/2024</p>
3	AIR QUALITY MONITORING AND PRESERVATION	<p>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].</p>
<p>PPs Submission: Agreed to Comply Noted.</p>		<p>Date: 27/11/2024</p>
4	AIR QUALITY MONITORING AND PRESERVATION	<p>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.</p>
<p>PPs Submission: Agreed to Comply Noted. Currently, the mining activities are intermittent and not carried out on regular basis. Therefore, water tankers are hired as and when required during development. With the advancement of mining operation, all the measures shall be implemented as per the provisions of EMP given in EIA/EMP report to control fugitive dust emissions such as permanent water sprinkling arrangement at the main haulage road, water sprinkling at loading and unloading points, Bag filters/dry Fog System and automatic water spray system at crusher etc.</p>		<p>Date: 19/11/2024</p>
5	GREENBELT	<p>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>

<p>PPs Submission: Agreed to Comply Noted. The mining activities is currently limited to initial mine development within the permissible area as Mining operation could not be commenced due to onset of monsoon. A Safety barrier (No mining zone) of 7.5m is demarcated all along the ML boundary. Soon after, land development activities and land purchase, greenbelt will be developed as per guidelines of CPCB. About 350 plants have been planted within purchased land in ML during this compliance period. (Photographs submitted in Annexure-I)</p>		<p>Date: 19/11/2024</p>
6	GREENBELT	<p>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.</p>
<p>PPs Submission: Agreed to Comply Noted. No major mining activities except land development work have been undertaken due to onset of monsoon. Plantation has been started within ML boundary. However, Consultation with DFO, Satna is also in progress for development of greenbelt/plantation. Acknowledgement Letter towards submission to the concerned DFO was submitted earlier with previous Compliance report.</p>		<p>Date: 19/11/2024</p>
7	GREENBELT	<p>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: Agreed to Comply No grazing land falls within ML area.</p>		<p>Date: 19/11/2024</p>
8	Human Health Environment	<p>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.</p>
<p>PPs Submission: Agreed to Comply Noted Currently, the mining operation is limited to initial land development and land purchase. Being mining project, no major construction will be done except mines office, crusher, rest shelter etc. As local people will be engaged during construction phase, provision for housing for workers will not be required. However, all necessary facilities will be provided. During operation phase, local people will be employed. Proper infrastructure with shelter, drinking water, toilet and first-aid facilities will be provided to the laborers. Currently, mining activities is being carried out intermittently with limited manpower and restricted to initial land development and land purchase. At present, it is regulated by a remote office outside the ML area having all infrastructure facilities. Therefore, it is proposed to install portable Bio-toilets at the site to cater to the requirement. However, during later years when the mine will be operating at full capacity, domestic waste water</p>		<p>Date: 19/11/2024</p>

		will be treated in STP and treated water will be used for plantation purpose.	
9	Corporate Environmental Responsibility	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 Time bound action plan prepared and submitted during grant of EC and mentioned in para no. 17 of EC as per MoEFCC Office Memorandum No.22-65/2017-IA III dated 30th September, 2020. (Copy already Submitted with previous Compliance report). The mine is in initial stage of land development and land purchase. It will be undertaken as per the Action Plan submitted. However few activities have been undertaken which are detailed in Specific EC conditions No. 4.	Date: 19/11/2024
10	MISCELLANEOUS	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.	Date: 19/11/2024
11	MISCELLANEOUS	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.	Date: 19/11/2024
12	MISCELLANEOUS	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MoEF&Cc & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.	
		PPs Submission: Agreed to Comply Noted.	Date: 19/11/2024
13	MISCELLANEOUS	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.	Date: 19/11/2024
14	MISCELLANEOUS	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: 19/11/2024
15	MISCELLANEOUS	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: 19/11/2024
16	MISCELLANEOUS	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
PPs Submission: Agreed to Comply Noted.		Date: 19/11/2024
17	MISCELLANEOUS	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.
PPs Submission: Agreed to Comply Noted.		Date: 19/11/2024
18	WATER QUALITY MONITORING AND PRESERVATION	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.
PPs Submission: Agreed to Comply Noted. (A copy of the same was already submitted with the previous compliance report)		Date: 19/11/2024
19	WATER QUALITY MONITORING AND	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid

	PRESERVATION	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. During this compliance period, no effluent has been generated because of limited activities. However, the effluent generated from workshop, will be monitored regularly and monitored data will be uploaded/displayed as prescribed.		Date: 19/11/2024
20	WATER QUALITY MONITORING AND PRESERVATION	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 MoEF&Cc annually.
PPs Submission: Agreed to Comply Noted. Hydrogeological Study including Rain Water Harvesting Plan has been prepared and submitted to CGWA along with the Application for NOC. CGWA NOC has been obtained vide NOC dated 25/09/2021. Since there was no water abstraction during the validity period of NOC, DCBL has applied for validity extension of NOC on 21.06.2023. Extension of NOC validity is granted on 29.02.2024 and valid up to 24.09.2025 (A copy of the same is attached as Annexure-II) Rain water harvesting plan which was submitted to CGWA and will be implemented. Acknowledgement Copies Submitted with previous Compliance report.		Date: 27/11/2024
21	WATER QUALITY MONITORING AND PRESERVATION	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: 19/11/2024
22	Noise Monitoring & Prevention	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.		Date: 19/11/2024
23	Noise Monitoring & Prevention	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.		Date: 19/11/2024
24	Noise Monitoring & Prevention	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: Being Complied Noted and Being complied.		Date: 19/11/2024
25	MINING PLAN	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. Mining operation including total excavation, mining technology; scope of working etc. will be carried out in accordance with the approved mining plan.		Date: 19/11/2024
26	MINING PLAN	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. Mining operation and reclamation-rehabilitation of mined out area will be carried out in accordance with the approved mining plan.		Date: 19/11/2024
27	LAND RECLAMATION	(1) 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.
PPs Submission: Agreed to Comply Noted. There is no dump formation during compliance period. As per the Approved Mining Plan, overburden will be stacked in temporary dump and will be used for backfilling/construction of mine road/crusher ramp. It will be stabilized by proper sloping, benching, grassing etc. The physical parameters of the dumps will be maintained as per the approved Mining Plan and guidelines/circulars issued by D.G.M.S. Top soil will be used in plantation and as topping on the backfilled area for plantation.		Date: 19/11/2024
28	LAND RECLAMATION	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.
PPs Submission: Agreed to Comply Noted.		Date: 19/11/2024
29	Statutory compliance	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: 18/11/2024
30	Statutory compliance	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: Agreed to Comply Noted		Date: 23/11/2024
31	Statutory compliance	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: 18/11/2024
32	Statutory compliance	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: Complied Complied. (Acknowledgement Copies Submitted with previous Compliance report)		Date: 18/11/2024
33	Statutory compliance	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: Complied Complied		Date: 23/11/2024
34	Statutory compliance	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 MoEF&Cc Regional Office for compliance and record.
<p>PPs Submission: Complied Complied. A public notice informing about grant of EC has been published in two newspapers named Dainik Jagaran and Navbharat on 4th August 2021 in English as well as in vernacular language i.e. Hindi. Acknowledgement Copies Submitted with previous Compliance report. Newspapers with advertisement have been submitted to the Regional Office of MoEFCC. Acknowledgement Copies Submitted with previous Compliance report</p>		Date: 18/11/2024
35	Statutory compliance	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.
<p>PPs Submission: Agreed to Comply Noted.</p>		Date: 19/11/2024
36	AIR QUALITY MONITORING AND PRESERVATION	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.
<p>PPs Submission: Agreed to Comply Noted. Currently, the mining operation is limited to initial land development and land purchase. With the start of mining operation at planned capacity, online Ambient Air Quality Monitoring Stations will be established as prescribed to monitor critical parameters relevant for mining operations of air pollution as per the methodology mentioned in NAAQS Notification dated 18.11.2009. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. Monitored data will be displayed in front of the main Gate of the mine site. A copy of AAQ monitoring report is Attached as Annexure-IV.</p>		Date: 19/11/2024
37	AIR QUALITY MONITORING AND PRESERVATION	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metaled 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 equipment's/ 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 MoEF&Cc/ Central Pollution Control Board.

<p>PPs Submission: Agreed to Comply Noted. During operation of the mine, various measures such as regular water sprinkling will be done on haul road, at loading and unloading points and at transfer points will be undertaken to control fugitive dust emissions. Bag filters and automatic water spray system shall be installed at crusher. Air pollution level will be kept within the standard specified by MOEFCC/CPCB. As the mining activities limited to initial land development and not carried out on regular basis. Water tankers for water sprinkling are hired as and when required during development.</p>		<p>Date: 19/11/2024</p>
38	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<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>PPs Submission: Agreed to Comply Noted. During this compliance period, no major mining activities have been undertaken, it is limited to mine development only. However, to monitor the water level and quality, a network of existing wells and installation of new piezo-meters will be established in consultation with concerned department prior to ground water abstraction.</p>		<p>Date: 19/11/2024</p>
39	<p>LAND RECLAMATION</p>	<p>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>
<p>PPs Submission: Agreed to Comply Noted. No dump has been formed during this compliance period.</p>		<p>Date: 19/11/2024</p>
40	<p>LAND RECLAMATION</p>	<p>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.</p>		<p>Date: 19/11/2024</p>
41	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>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.</p>

PPs Submission: Agreed to Comply

Noted. Detailed Hydrogeological study have been undertaken by JM Enviro Pvt. Ltd. for Hydrogeological evaluation during grant of EC. Ground water intersection is not anticipated in first 15 years of mining as per the study carried out. Prior NOC will be taken from CGWA for intersection of ground water. However, CGWA NOC has been obtained for ground water abstraction vide NOC dated 25/09/2021. Since, there was no water abstraction during the validity period of NOC, DCBL has applied for validity extension of existing NOC on 21.06.2023. Extension of NOC validity is granted on 29.02.2024 and valid up to 24.09.2025 (A copy of the same is attached as Annexure-II)

Date:
27/11/2024

Visit Remarks

Last Site Visit Report Date:

N/A

Additional Remarks:

1. The land purchased is in small parcels and scattered form.

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.

