

MIL/ENV/MoEFCC/052021/02

Date: 24.05.2021

Additional Principal Chief Conservator of Forests

Ministry of Environment, Forest & Climate Change

Regional Office (West Central Zone)

Ground Floor, East Wing, New Secretariat Building,

Civil Lines NAGPUR - 440001

Sub: Half yearly Compliance of Environmental Clearance issued for, Naranda Limestone Mine (ML area 71.01 and production of 2.4 MTPA) at village Naranda, in Korpana Mandal, in Chandrapur Distt., in Maharashtra for the period of Oct 2020 to March 2021.

Ref: Environmental Clearance F. No. - J-11015/380/2007 -IA II (M), Date: 12th Dec 2008

Dear Sir,

With reference to the above subject, we would like to inform you that, Murli industries have Naranda Limes Stone mines (ML area 71.01 and production of 2.4 MTPA) located at village Naranda, Tq. Korpana District – Chandrapur. In pursuant to the order dated April 05, 2017 of the National Company Law Tribunal, Mumbai Bench, Murli Industries Ltd (MIL) was admitted for corporate insolvency resolution process in accordance with Insolvency and Bankruptcy Code, 2016. The resolution plan (“Resolution Plan”) of Dalmia Cement Bharat Ltd (DCBL) has been approved by the Committee of Creditors of MIL on December 20, 2017, the National Company Law Tribunal, Mumbai Bench vide its order(s) dated July 03, 2019, July 22, 2019 and July 25, 2019 and by the National Company Law Appellate Tribunal vide its order dated January 24, 2020. Pursuant to implementation of the Resolution Plan, MIL has become a subsidiary of DCBL from September 10, 2020 and DCBL will continue to operate the plant by the name of Murli Industries Ltd. Naranda Mines of MIL is not being operational since April 2015. Revival of mines is under progress and it was not in operation during Compliance period (Oct 2020 to March 2021).

MURLI INDUSTRIES LIMITED

Registered Office: Block No. 802, A Wing, 8th Floor, Shreeram Shyam Towers, Kingsway, Civil Lines, Nagpur 440 001, India

CIN: U01110MH1991PLC064271

A Dalmia Bharat Group Company, www.dalmiabharat.com

Further, with respect to the subjected matter, we are submitting herewith the point wise half yearly compliance of above referred Environmental Clearance for the period from **Oct, 2020 to March, 2021.**

Submitted for your kind information please.

Thanking you

Yours Faithfully,
For **Murli Industries Ltd.**



Nikesh Banwade
(Authorized Signatory)

- CC: 1. The Regional Director, Central Pollution Control Board (CPCB), Regional Office, Jog Centre, 3rd Floor, Mumbai Pune Road, Wakdewadi, Pune, Maharashtra – 411003.
2. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. CineMax Theatre, Sion (E), MUMBAI (Mumbai) - 400 022.
3. Regional Officer, Maharashtra Pollution Control Board (MPCB), 1st Floor, Udyog Bhawan, Railway Station Road, Chandrapur – 442401

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ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

Ref: Environmental Clearance F.No. - J-11015/380/2007 -IA II (M), Date: 12th Dec 2008

Name of the Industry : Naranda Lime Stone Mines, Murli Industries Ltd.

EC Details – Environmental Clearance for Naranda Limestone Mine (ML area 71.01 and production of 2.4 MTPA) at village Naranda, in Korpana Mandal, in Chandrapur Distt., in Maharashtra.

Compliance Period - October 2021 to March 2021

Compliance Report –

Note:

Naranda mine is currently not under operation. Pursuant to the order dated April 05, 2017 of the National Company Law Tribunal, Mumbai Bench, Murli Industries Ltd (MIL) was admitted for corporate insolvency resolution process in accordance with Insolvency and Bankruptcy Code, 2016. The resolution plan (“Resolution Plan”) of Dalmia Cement Bharat Ltd (DCBL) has been approved by the Committee of Creditors of MIL on December 20, 2017, the National Company Law Tribunal, Mumbai Bench vide its order(s) dated July 03, 2019, July 22, 2019 and July 25, 2019 and by the National Company Law Appellate Tribunal vide its order dated January 24, 2020. Pursuant to implementation of the Resolution Plan, MIL has become a subsidiary of DCBL from September 10, 2020. Naranda Mines of MIL is not being operational since April 2015. Revival of Naranda mines is under progress

A. Specific Conditions –

(i)	No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no more mineral bearing area shall be worked.	Presently mine in not under operation. Condition will be complied after start the excavation.
(ii)	After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation works in the exhausted pit shall be completed so as to ensure that reclamation, forest cover and vegetation are visible during the first year of mining operations in the next pit.	Conditions will be complied when the mining operations commence.
(iii)	Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.	Mining will be done as per approve mining plan.
(iv)	Primary survey data of flora and fauna shall be submitted to the ministry within six months.	Complied
(v)	Conservative plan for wildlife shall be prepared in consultation with the office of the concerned chief wildlife warden within six months. The plan shall consist of inbuilt monitoring and evaluation mechanism. Necessary fund for implementation	Complied

	of the same shall be separately allocated and shall not be diverted for any other activity.	
(vi)	Blast vibrations study shall be conducted and submitted to the Ministry within six months. The study shall also provide measures for prevention of blasting associated impact on nearby houses and agricultural fields.	Scientific study from CIMFRI for conducting blasting study will be carried out after mining operation comes under operation.
(vii)	Continuous air ambient quality monitoring system shall be installed before three months of start of mining activity at appropriate sites (including cement plant) in consultation with the State Pollution Control Board / Regional office of central pollution control board. Ambient air quality data shall be regularly submitted to the Regional Office of the Ministry and other concerned departments. The ambient air quality monitoring shall include PM10, regular analysis of silica content for PM10, shall be carried out. Assessment of silica in silt shall be regularly carried out and record maintained.	CAAQMS proposed to install with consultation to MPCB for PM10, PM2.5 etc. Data of Ambient air quality data will be submitted to the Regional Office of the MoEF&CC and
(viii)	Need based assessment for the nearby villages shall be conducted to study economic measures which help in upliftment of poor section of society. Income generating projects/ tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. Company shall provide separate budget for community development activities and income generating programmes. This will be in addition to vocational training for individuals imparted to take up self-employment and jobs.	Spurt in industrialization and mining activities as invariable brought a drastic change in environmental including the society connected with the region. The impact of mining projects will be positive and provides employment directly and indirectly and also creates service around and can sustain their lively hood in this project the literacy rate and better living standards can be enhanced due to increased earning capacity of the villager better medical facilities, transportation and communication facilities and this project will generate more revenue to the government in the form of royalty, better admixture of the culture will result in preservation of cultural heritage and this project will uplift socio-economic level. As per corporate social responsibility guidelines, initially we have been providing employment opportunities to the personal residing nearby villages.
(ix)	Action plan for economic upliftment of poor sections of societies specially tribals, scheduled caste shall be formulated and implemented within six months. Status of implementation shall be reported to the Regional Office of the Ministry and the State Govt.	We are during the socio-economic development of the nearby villages through CSR activity.
(x)	Land use pattern of the nearby villages shall be studied and action plan for abatement and compensation for damage to agricultural produce and land/	No agricultural land / public property will be damaged due to mining activity.

	common property land (if any) in the nearby villages, due to mining activity shall be submitted to the Regional office of the Ministry within six months. Annual status of implementation of plan and expenditure thereon shall be reported to the Regional Office of the Ministry from time to time.	
(xi)	Rain water harvesting shall be undertaken to recharge the ground water source. Status of implementation shall be submitted to the Regional Office of the Ministry within six months and thereafter every year from the next consequent year.	Rain water being collected in excavated mine pit for ground water recharge.
(xii)	Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material, and thick plantation of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.	To control the soil erosion and silt management, following measure will be followed. 1. Formation of water garland to regulate and drain the rain waters from the quarry and direct its course away from the dumping area. 2. The dump is designed to have reserve slopes so that rain water does not flow through the dump slopes. 3. Provision of plantation around the foot of the dumps to control the soil erosion and silt management.
(xiii)	Cultivable waste land within 5 km radius of the lease shall be identified and developed into productive land and made available to villages. Status of implementation shall be submitted to the Regional office of the Ministry within six months.	Will be complied when mining operations starts.
(xiv)	Trenches / garland drains shall be constructed at foot of dumps and coco filters (or other suitable filters) shall be installed at regular intervals to arrest silt from being carried to water bodies. Adequate no of check dams and gully plugs shall be constructed across seasonal / perennial nallahs (if any) flowing through the ML area and silts arrested. De-silting at regular intervals shall be carried out. Garland drain of appropriate size, gradient and length shall also be constructed for both mine pit and for waste dump. Sump capacity shall be designated keeping 50% safety margin over and above peak sudden rainfall (based on 50-year data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.	Will be complied when mining operations starts.

(xv)	Ground water in the core zone shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the regional office of the ministry regularly. Further, monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be set up and record maintained.	Will be complied at the start of mining operations. Regular monitoring will be carried out in and around the mining area. The monitoring data will be submitted to the RO, MoEFCC.
(xvi)	Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Regional Office of the Ministry.	The same will be complied at the start of mining operations. Water tankers will be provided for water sprinkling on road. Water sprinklers will be provided for the dust suppression during mines operation. Fugitive Dust Emission Monitoring will be done in nearby area and report will be submitted to Regional Office, MoEF&CC Half yearly.
(xvii)	Transportation of ore shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of ore / dust takes place. Transportation shall be done only during day time.	Transportation of ore will be done in covered trucks.
(xviii)	Occupational health and safety measures for the workers including identification of work related health hazardous, training of malaria eradication, HIV and health effects on exposure to mineral dust etc. shall be carried out. The company shall engage a full time a full time qualified doctor who is trained in occupational health. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures undertaken (at interval of five years or less) shall be conducted followed blow up action wherever required.	As per the mining statutory laws regular periodic medical check-ups for the persons engaged in the mines will be done. Moreover, we are imparting free medical treatment at free of cost by the company and dispensary is established at the plant site with medical practitioner. Company ambulance is available to shift the casualty in case of serious condition. For occupational health and safety measures periodical health check up being carried out by medical practitioner.
	Maintenance of village roads through which transportation of ores are undertaken shall be carried out by the company regularly at its own expenses. The road shall be black topped.	Village road will not be used for transportation of minerals, however haul road will be constructed / repaired as per requirement.
(xx)	Top soil/ soil waste shall be stacked properly and separately with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area.	Top soil will be stacked properly with proper slope and adequate safeguards. The top soil will be utilized for backfilling and reclamation of mined out area. The topsoil in the mining area striped and preserved along the mine lease boundary.

(xxi)	Monitoring of soil samples for assessment of contamination due to mining activity shall be regularly conducted and records maintained.	Analysis reports of soil samples will be submitted along with six monthly compliance report.
(xxii)	Over burden (OB) shall be stacked at earmarked dump site(s) only and not be kept active for long period. The maximum height of the dump shall not exceed 30 m, each stage shall preferably be of 10m and overall slope of the dump shall not exceed 28°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitation areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests of six monthly basis.	The Over burden (OB) generated during mines operation will be stacked at earmarked dump site(s) as per mining plan. The OB dumps will be vegetated scientifically with suitable native species to prevent erosion and surface run off. Continuous monitoring and management of rehabilitation areas will be done to maintain the vegetation to make it self – sustaining. Compliance status of the same will be submitted to the MoEF&CC on half yearly basis.
(xxiii)	Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.	Slope of the mining bench and ultimate pit limit will be as per approved mining plan.
(xxiv)	Drilling (if any) shall be conducted by using dust extractors/ wet drilling. Controlled blasting shall be undertaken.	Wet drilling will be adopted with dust extractors. Controlled blasting will be adopted to reduce the impact of dust and noise.
(xxv)	Plantation shall be raised adequately in the ML area, haul roads, OB dump sites etc. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agricultural department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The density of the trees shall be around 2500 plants per ha. The company shall involve local people with the help of self-help group for plantation programme. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the Regional Office of the Ministry every year.	Plantation will be carried out in the ML area as per the Mining Plan and CPCB guidelines.
(xxvi)	Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year – pre – monsoon (April-May), monsoon (August), Post – monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MoEF, Central Ground Water Authority and Regional Director, Central Ground Water Board.	Regular monitoring will be conducted in and around mining lease area. Pre-monsoon and post monsoon Ground water quality monitoring reports will be submitted to MoEF&CC, CGWA, Regional Director CGWB.
(xxvii)	The waste water from the mine shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water from the Tailing Dam (if any) shall be regularly monitored and report submitted to the	No water will be discharged to natural stream. Sewage water generated will be managed by soaking pit followed by septic tank.

	Ministry of Environmental & Forests, Central Pollution Control Board and the State Pollution Control Board.	
(xxviii)	Prior permission from the competent authority shall be obtained for extraction of ground water, if any.	No ground water will be extracted for mining activities.
(xxix)	Vehicular emission shall be kept under control and regularly monitored. Vehicles used for transportation of ores and others shall have valid permission as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. Transportation of ore shall be done only during day time. The vehicles transporting ores shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of ores for transportation shall be committed. The trucks transporting ore shall not pass through wild life sanctuary.	Only PUC certified vehicles will be used for mining excavation and transportation. Vehicles transporting ore will be covered through Tarpaulin to control dust emission. No overloading of ores will be done for mineral transportation.
(xxx)	Action plan with respect to suggestions/ improvements and recommendation made during public consultation / hearing shall be submitted to the Ministry and the State Govt. within six months.	Action plan with respect to suggestions/ improvements and recommendation made during consultation / hearing has been compiled in final EIA report.
(xxxi)	A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Ministry of Environmental & Forest, 5 year in advance of final mine closure for approval.	Mine closure plan submitted to ministry along with approved mine plan.
B.	General Condition	
(i)	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests.	Mining will be done as per approved mine plan and all the conditions mentioned in environmental clearance will be complied.
(ii)	No change in the calendar plan including excavation, quantum of mineral (iron ore) and waste shall be made.	Excavation will be done as per approved mine plan and consent received from board.
(iii)	Four ambient air quality monitoring station shall be established in the core zone as well as in the buffer zone for RPM, SPM, SO ₂ , NO _x monitoring. Location of the stations should be decided based on the meteorological data, topographic features and environmentally and ecologically sensitive target and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.	Four ambient air quality monitoring stations established for PM ₁₀ , PM _{2.5} , SO ₂ and NO _x .
(iv)	Data on ambient air quality (RPM,SPM, SO ₂ , NO _x) should be regularly submitted to the ministry including its regional office located at Bhopal and the State Pollution Control Board / Central Pollution Control Board once in six months.	AAQM data will be regularly submitted to concerned authorities along with six monthly compliance report.

(v)	Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.	Fugitive dust emissions will be controlled by water sprinkling on haul road, loading and unloading points etc.
(vi)	Measures shall be taken for control of noise levels below 85 dB(A) in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs.	Ear plugs and mask will be provided to all workers engaged in operation of HEMM during mining operation.
(vii)	Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.	No industrial waste water will be generated due to mining activities.
(viii)	Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.	PPEs will be provided to workers to protect workers from respiratory illness and other hazard.
(ix)	Provision shall be made for the housing the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health, crèche etc. the housing may be in the form of temporary structures to be removed after the completion of the project.	Will be Complied.
(x)	A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the head of the Organisation.	A separate environmental management cell comprising of qualified and experienced staff is established under the control of Senior Executive who report to Unit head.
(xi)	The project authorities shall inform to the Regional Office of the Ministry located at Bhopal regarding data of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.	Complied
(xii)	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Ministry and its Regional Office located at Bhopal.	Year wise expenditure towards environmental protection will be submitted in six monthly compliance report. Fund earmarked for environmental protection measures will be kept in separate account.
(xiii)	The project authorities shall inform to the Regional Office located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work	Complied
(xiv)	The regional office of the Ministry located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities shall extend full cooperation	Noted and we will extend full cooperation to the officials of Regional office during their visit..

	to the officer (s) of the Regional Office by furnishing the requisite data/information / monitoring reports.	
(xv)	A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any from whom suggestion / representation has been received while processing the proposal.	Complied
(xvi)	State pollution control board shall display a copy of the clearance letter at the Regional office. District industry Centre and Collector's office / Tehsildar's Office for 30 days.	Complied
(xvii)	The project authorities shall advertise at least in two local newspapers widely circulated. One of which shall be in the vernacular language of the locality concerned within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment and Forests at http://envfor.nic.in and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Bhopal.	Complied
5.	The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.	Noted.
6.	Concealing factual data or submission of false / fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environmental (Protection) Act, 1986.	Noted.
7.	Any appeal against this environmental clearance shall lie with the National Environmental Appellate Authority, if preferred, within a period of 30 days as prescribed under section 11 of the National Environmental Appellate Authority Act, 1997.	Noted.
8.	The above conditions will be enforced inter – alia, under the provision of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environmental (Protection) Act, 1986 and the Public Liability Insurance Act. 1991 along with their amendments and rules.	Noted.