

Ref: ACL/BYT/ENV/2021-22/87

Date: 28.05.2021

To,

The Regional Officer, Integrated Regional office, Ministry of Environment, Forest & Climate Change, Aranya Bhawan, North Block, Sector-19, Naya Raipur, Atal Nagar, Chhattisgarh - 492002.

Sub: Submission of Half Yearly Environment Clearance Compliance Report along with Environmental Monitoring Report

for the period Oct 2020 to Mar 2021 for Maldi-Mopar Limestone Mines.

**Ref:** EC letter no. J-11015/252/2008-IA II (M) dated 13<sup>th</sup> August 2010.

Dear Sir,

Please find the enclosed herewith the six monthly Environment Clearance compliance report along with Monthly Environmental Monitoring report from **Oct 2020 to Mar 2021**, for Maldi-Mopar Limestone Mines Located at Maldi, Mopar, Devrani, Karmadih and Boirdih Village, Balodabazar Tehsil, Balodabazar Dist. Chhattisgarh.

This is for your kind information and record.

Thanking you.

Yours faithfully,

For Ambuja Cements Limited

(Unit: Bhatapara)

(A V N V S Murthy)

**Unit Head** 

**Encl.**: Six Monthly Environment Clearance compliance report along with Environment Monitoring report.

### Copy to:

- 1. Central Pollution Control Board, Zonal Office, Sahkar Bhawan, North T.T. Nagar, Bhopal -462003.
- The Member Secretary, Chhattisgarh Environment Conservation Board, Paryavas Bhavan, North Block Sector-19, Atal Nagar (C.G.) 490099.
- 3. The Regional Officer, CECB, Kabir Nagar Commercial Complex ,Chhattisgarh Housing Board Colony, Kabir Nagar, Raipur (C.G.)

### Environment Clearance Compliance Report For (Oct.2020 to March.-2021)

Of

Maldi-Mopar Limestone Mine (Capacity: 2.0 MTPA, ML Area: 553.656 Ha.)

Located at Maldi, Mopar, Devrani, Karmadih and Boirdih Villages, P.O. Rawan, Tehsil-Baloda Bazar, District-Baloda Bazar - Bhatapara, Chhattisgarh



M/s AMBUJA CEMENTS LTD.

(Unit-Bhatapara)
P.O.: Rawan Dist. :Baloda Bazar - Bhatapara
Chhattisgarh - 493331, India

Vide Environment Clearance no. J-11015/252/2008-IA.II (M) Date: 13th August, 2010

Sr. No.	EC Conditions	Compliance Status	
A. S	A. Specific Conditions		
i.	The environmental clearance is subject to approval of the State land use Department or concerned Authority in the State, Government of Chhattisgarh for diversion of agricultural land for non-agricultural use.	Complied  Government land diversion notification enclosed as Annexure-I	
ii.	The project proponent shall obtain prior Consent to Establish and Consent to Operate from the Chhattisgarh Environment Conservation Board and effectively implement all the conditions stipulated therein.	Complied.  CTE have been obtained from CECB, Raipur vide letter no. 3056/TS/CECB/2012 Raipur, dated: 06.09.2018 and CTO vide letter No. 7966 /TS/CECB/ 2020 Nava Raipur Atal Nagar, Dated 09/12/2020 valid up to dated 31.12.2023. Annexure-II &III	
iii.	The top soil shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The top soil shall be used for land reclamation plantation and green belt development.	Being complied.  Temporarily top soil stored as per approve mine plan which is utilizing for plantation and green belt development.	
iv.	Catch drains and siltation ponds of appropriate size should be constructed for the working pit to arrest flow of silt and sediment directly into the agricultural fields, rivers and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly de-silted particularly after the monsoon and maintained properly. Garland drain (size, gradient and length) shall be constructed for the mine pit to prevent run off of water and flow of sediments directly into the agricultural fields rivers and other water bodies and sump capacity should be designated keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pit shall be constructed at the corners of the garland drains and de-silted at regular intervals.	Complied	

Sr. No.	EC Conditions	Compliance Status
V.	Dimension of the retaining wall at the toe of solid waste benches within the mine to check run-off and siltation should be based on the rain fall data.	Complied  Mines is under development stage, No solid waste generated.
vi.	Plantation shall be raised in an area of at least 54.15 ha including a 7.5m wide green belt in the safety zone around the mining lease, around the water body, reclaimed area, mine benches, along the roads etc. by planting the native species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2000-2500 plants per ha. Greenbelt shall be developed all along the mine lease area in a phased manner and shall be completed within first five years.	Being complied.  Phase wise green belt development work is under progress as per IBM approved Mine plan.  Plantation of Native species around 2000-2500 plants per ha in consultation with the local DFO/Agriculture Department Annexure-IV
vii.	The excavated area of 497.396 ha. left unfilled shall be converted into water body. The higher benches of excavated void/mining pit shall be terraced and plantation done to stabilize the slopes. The slope of higher benches shall be made gentler for easy accessibility by local people to use the water body. Peripheral fencing shall be carried out along the excavated area.	Noted and same will be compiled at the end of life of mine.
viii.	Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as mineral handling area, around loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	Noted and Complied.  Adequate air pollution control measures such as regular water sprinkling on haul road, loading and unloading points and all the transfer points adapted to control dust emission, <b>Annexure-V</b> We are doing the AAQM as per NAAQ2009 in core and buffer zone, monitoring report is enclosed <b>Annexure-VI</b>
ix.	The project authority should implement suitable water conservation measures including rainwater harvesting on long term basis to augment ground water resources in the area and work out a detailed scheme in consultation with the Regional Director, Central Ground Water Board/Central Ground Water Authority and submit a copy of the same to the Ministry of	Two ground water recharging structure has been constructed with consultation of regional office CGWB photo graphs enclosed as <b>Annexure-VII</b> Also rain water harvesting structures have been constructed in the nearby villages to augment ground water.

Sr. No.	EC Conditions	Compliance Status
110.	Environment and Forests and its Regional Office, Bhopal.	
х.	Limestone from mines to Crushing plant shall be transported through covered dumpers up to crusher plant and from crusher plant to cement plant by conveyor belt and no other mode of transportation shall be used.	Complied  Transportation of limestone by dumper from mine to crusher and then by pipe conveyor to plant.  Annexure-VIII
xi.	Necessary safeguard measures shall be taken to ensure that the resultant particulate level in the area is well within the prescribed limit.	Complied.  Adequate air pollution control measures have been adopted in the mines to control dust emission. Ambient Air monitoring report is enclosed as <b>Annexure-VI</b>
xii.	The details of project affected peoples (Land ousters / other affected peoples) shall be submitted to the R.O. Office of this Ministry at Bhopal and to the Ministry within 30 days from the issue of this letter. The project affected peoples shall be Rehabilitated and compensated as per the National Rehabilitation and Resettlement policy, 2007 in consultation with the State Government. Detailed Plan shall be prepared in this regard within 3 months and a copy of the same be submitted to Regional Office of this Ministry at Bhopal and to the Ministry immediately.	Noted.  There was no settlement in the mine lease and peoples are not affected from our mining project, so that National Rehabilitation and Resettlement policy, 2007 not applicable.
xiii.	Land-use pattern of the nearby villages shall be studied, including common property resources available for conversion into productive land. Action plan for abatement and compensation for damage of agricultural land/common property land (if any) in the nearby villages, due to mining activity shall be prepared and implemented.	Noted & complied  At the time of EIA study land use pattern of 10 km radius with respect to mine lease studied. Agriculture and common property was not affected from mining activities.
xiv.	The project authorities should undertake sample survey to generate data on pre-project	Complied

Sr. No.	EC Conditions	Compliance Status
	community health status within a radius of 3 km from proposed mine. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.	Periodic health and hygiene survey is being conducted in villages around the Maldi-Mopar mine lease area in 3km.  Pre-placement medical examination and periodical medical examination of the workers engaged in the project has been carried out and records have been maintained our OHC.
XV.	Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 30 m, each stage shall preferably be of 10 m and overall slope of the dump shall not exceed 28°. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. To the extent possible, the OB generated shall be back filled. The entire backfilled area shall be progressively afforested. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests and its Regional Office located at Bhopal on six monthly basis.	Complied  The overburden dumps will be maximum height of 30 m and overall slope of 28° will be maintained.
xvi.	Regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM <sub>10</sub> and PM <sub>2.5</sub> such as around crushing and screening plant, loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by Central Pollution Control Board in this regard.	Adequate air pollution control measures such as regular water sprinkling on haul road. Loading, unloading points and all the transfer points dust suppression and bag house installed to control dust emission <b>Annexure-V</b> We are doing the AAQM in core and buffer zone as per NAAQ2009, monitoring report is enclosed <b>Annexure-VI</b>
xvii.	Regular monitoring of ground water level and quantity shall be carried out within the mines lease and in the surrounding area (up to 5 km of the mine lease) by establishing a network of groundwater monitoring stations (existing wells and installing new piezometers) during	Complied.  Real time pizometer has been installed within the mine lease with consultation of CGWB. Periodic ground water table monitoring in existing wells are conducted in the villages located in the vicinity of the mines (up to

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the mining operation in consultation with Central Groundwater Authority/Ground Water Board and groundwater table shall be monitored and records maintained. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be send regularly to the Ministry of Environment and Forests and its Regional Office Bhopal, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity then mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on ground water is implemented.		5 km of the mine lease) and reports are submitted to MoEFCC and record has been maintained. Ground water level monitoring report for the period of Oct.2020 to March 2021 attached as Annexure-IX  Suitable rainwater harvesting measures has been implemented in the mines (Annexure-VII) and surrounding villages to augment the ground water table.
xvii i.	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of ground water required for the project.	NOC has already been obtained from CGWA, Ministry of Jal Shakti Department of Water Resources. NOC no.CGWA/NOC/MIN/ORIG/2017/2810
xix.	Appropriate mitigative measures shall be taken to prevent pollution, percolation/seepage of water and breaching of the canal system adjoining the ML area. There shall be no use of canal water in this mine project in any way and at any point of time and no utility, if any, shall be constructed over the canals without prior approval of the concerned State Agency/Deptt. Of Chhattisgarh Govt.	Noted and Complied
XX.	Drills shall either be operated with dust extractors or equipped with water injection system.	Complied.  Drills have been provided with dust extractor or water injection system.  The Drilling in our mines is being carried out by 90-130mm diameter ROC D50 Drill machine which is equipped with the "Dust Collector System. It is an "inbuilt engineering control system" equipped into the drill

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xxi.	shall be conducted to study economic measures which can help in upliftment of poor section of society. Income generating projects consistent with the traditional skills of the people besides 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 under CSR. This will be in addition to vocational training for individuals	machine. The moving suction head fitted over drill mast collects dust of various sizes and it passes through suction hose. It segregates and processes the Dust collected during drilling operation before exhausting it into the atmosphere.  Drilling machine photograph enclosed as Annexure-X  Noted & being complied.  CSR activities along with economic up-liftment measures are being carried out in the villages around Maldi-Mopar mine lease area through Ambuja Cement Foundation (ACF). Needs of the local people are regularly assessed and accordingly programmes are developed for implementation of CSR. Detail enclosed as Annexure-XI
xxii	imparted to take up self-employment and jobs.  Sewage treatment plant shall be installed in ML area. ETP shall also be provided for the workshop and wastewater generated during the mining operation.	Complied  Domestic effluent from the mine office, rest shelter, etc has been discharged in septic tank fallowed by soak pit. Vehicle wash system with oil and grease trap and filteration system has been developed for treatment of effluent generated from workshop.
xxii i.	Provision shall be made for the housing the labourers within the site with all necessary infrastructure and facilities such as fuels for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied.  No housing has been proposed at mine site. Colony is already established at Rawan Cement Plant along with necessary amenities and infrastructure facilities. Necessary facilities like rest shelter, drinking water, urinals, first aid center, toilets, etc. has been provided at mine for the mine workers.  Project completed and temporary structures has been removed.
xxiv	The critical parameters such as RSPM (Particulate matter with size less than 10 micron i.e., PM10 ), NOx in the ambient air within the impact zone, peak particle velocity at 300 m distance or within the nearest habitation, whichever is closer shall be monitored periodically. Further, quality of discharged water shall also be monitored	Noted for compliance.  Regular monitoring of ambient air quality in core and buffer zone, Ambient Air Quality monitoring report is Enclosed as <b>Annexure-VI</b> . We are not discharging the mine water Zero Liquid discharge from our mine.

Sr. No.	EC Conditions	Compliance Status
	[(TDS, DO, pH and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. <i>The Circular No. J-20012/1/2006-IA.II (M) dated27.05.2009</i> issued by Ministry of Environment and Forests, which is available on the website of the Ministry www.envfor.nic.in, shall also be referred in this regard for its compliance.	Peak particle velocity has been monitored during the blasting enclosed as <b>Annexure-XII</b> Zero liquid discharge has been maintained, display board displayed near to main gate of mine.  EC compliance up loaded on company website. Display board display at main gate of mine.
XXV.	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered flora and fauna found in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to the project site shall be effectively implemented. A copy of action plan shall be submitted to the Ministry of Environment and Forests and its Regional Office, Bhopal.	Noted and being complied.  During the EIA study endangered flora and fauna not found in the study area, so that action plan not required.  Phase wise green belt developed around the mine lease boundary using native plant species is under progress. Plantation has been done on OB dumps for stabilization. Fencing has been provided around the plantation area to avoid inadvertent entry of the animals in the plantation and mining area.
xxvi	Digital processing of the entire lease area using remote sensing technique shall be carried out	Complied.  Digital processing of the entire lease area using remote sensing technique for monitoring land use pattern and report enclose as <b>Annexure-XIII</b>
xxvi i.	A final mine closure plan, along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.	Agreed and will be complied.
xxvi ii.		Noted.

Sr. No.	EC Conditions	Compliance Status
i.	No change in mining technology and scope of working shall be made without prior approval of the Ministry Of Environment & Forests.	Noted and agreed.  No change in mining technology and scope of working without prior approval of MoEF&CC.
ii.	No change in the calendar plan including excavation, quantum of mineral and waste shall be made.	Noted
iii.	At least four ambient air quality-monitoring stations shall be established in the core zone as well as in the buffer zone for PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , NOx monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State pollution Control Board.	More than four ambient air quality-monitoring stations has been established in core and buffer zone with consultation of CECB, Air Quality monitoring report is Enclosed as <b>Annexure-VI</b>
iv.	Data on ambient air quality (PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , Nox) 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.	Ambient air quality (PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , Nox) Monitoring report is enclosed as <b>Annexure-VI</b> Ambient air quality report submitted to CECB/CPCB along with six monthly EC compliance.
v.	Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc shall be provided with ear plugs/muffs.	Complied. Workers engaged in operations of HEMM, etc ear plugs/muffs has been provided.  Noise monitoring report enclosed as Annexure-XIV
vi.	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 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.	Complied.  Vehicle wash system with oil & grease trap and filtration system has been constructed in limestone mine for treatment of effluent generated from workshop. Analysis report is enclosed as Annexure-XV
vii.	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 aspect. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to	Complied.  Regularly necessary PPE's providing to workers and also training imparted on safety and health aspect.  Occupational health surveillance program is in place, as a part of which pre-employment and periodic medical check-up of workers has been done and record of the

Sr. No.	EC Conditions	Compliance Status
	exposure to dust and take corrective measures, if needed.	same maintained by our OHC, training sheet enclosed as Annexure- XVI
viii.	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 organization.	Complied A separate environmental management cell with suitable qualified personnel has been set-up under the control of a Senior Executive, who reports directly to Unit Head.
		Grant of environmental clearance: 13th August, 2010. Mine development work has been completed and lime
X.	The fund earmarked for environmental protection measures shall be kept in separate account and should not be diverted to other purpose. Year wise expenditure shall be reported to the Ministry and its Regional Office located at Bhopal.	Noted and complied.
xi.	The project authorities shall inform 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.	Grant of environmental clearance vide letter no. J-11015/252/2008-IA-II (M) dated 13th August, 2010. Mine development work has been completed and lime stone production started.
		Noted and Agreed.
xiii.	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional office, Bhopal, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the	Complied.  Six monthly compliance report submitted via mail on date 19 May 2020 copy enclosed as Annexure-XVII  Environment Clearance copy up loaded on company website

Sr. No.	EC Conditions	Compliance Status
	Regional Office, Ministry of Environment and Forests, Bhopal, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board.	
xiv. The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned, within seven days of the issue of the clearance letter informing that the project has been accorded Environmental clearance and copies of clearance letter are available with the State Pollution Control Board and also at the website 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 this Ministry located in Bhopal.		Complied.
XV.	A copy of clearance letter shall be send by the proponent to concerned Panchayat, ZilaPanchayat/Municipal Corporation, Urban Local bodies and local NGO, if any, from whom suggestion/representation, if any were received while processing the proposal. The clearance letter shall also be put on website of the company by the proponent.	Complied.  We have given the clearance letter to following Gram Sarpanch date 20.08.2010  1. Sarpanch Maldi 2. SarpanchMoapr 3. SarpanchDhandnih 4. SarpanchBoidih
xvi.	State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.	Complied.
xvii.	The environment statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and shall also be put on the website of the company along with the status of compliance of environmental clearance conditions. The same shall also be sent to the Regional Office of the Ministry by e-mail.	Complied. The environment statement (Form-V) has been submitted to CECB Head Office Nava Raipur and Regional Office Kabir Nagar, our vide letter no.ACL/ENV/2019-20/141 dated 15.09.2020. Enclosed as Annexure-XVIII
5.	The Ministry of Environment and Forests reserves the right to revoke the clearance if	Noted & agreed.

Sr. No.	EC Conditions	Compliance Status
	conditions stipulated are not implemented to the satisfaction of the Ministry. MoEF may impose additional environmental conditions or modify the existing ones, if necessary.	
6.	In case of any deviation or alteration in the project proposed from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy of the condition(s) imposed and to add additional environmental protection measures required, if any.	Noted & agreed.
7.	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 Environment (Protection) Act, 1986.	Noted & agreed.
8.	Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.	Noted & agreed.
9.	The above conditions will be enforced interalia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Noted.

व्यान १६ से द्वाराद १८/४ भोपाल, उन्हें । विस्वर, १९८१

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कले क्टर

रायपुर १म०५०१

विषयः भूपरिवर्तन निर्धारण।

तंदर्भ :

आपका जापन क्रमांक 1450/वायक/नाभावता 0/89.

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दिनांक 3-10-89.

कृपया उपरोक्त संवर्भित पत्र का अवलोकन करें। जिस भूमि का खनिज पद्दा खनिज उददेश्यों के लिये दिया जाता है उस भामि के लिये मध्यप्रदेश भू राजस्व तंहिता, 1959 के प्रावधानों के अनुसार भूमि कर पुनर्निधारिण किये जाने की आवश्यकता नहीं है। ऐसी भूमि पर इधवर्सन की मंजूरी लेना आवश्यक नहीं है। इपवर्सन वेक्स के स्थान पर तरफेत रेन्ट ही लिया जायेगा।

> स्त पी जिंदी 
>  संयुक्त तरवव मध्यप्रदेश शासन, राजस्य विभाग



### CHHATTISGARH ENVIRONMENT CONSERVATION BOARD 1-Tilak Nagar, Shiv Mandir Chowk, Main Road,

Avanti Vihar, Raipur (C.G.)

No.3056 /TS/CECB/2012

Raipur, Dated: 06 / 09 /2012

To,

M/s Ambuja Cement Limited,

P.O. - Rawan,

District - Baloda Bazar - Bhatapara (C.G.)

Sub: Permission to establish for Limestone Mine of capacity – 2.0 Million Tonnes / Annum.

- Ref: 1. Environment Clearance issued by Ministry of Environment and Forests, Government of India vide letter no. J-11015/252/2008-IA II (I), dated: 13/08/2010.
  - 2. Your application no. nil, Dated: 02/12/2010 and subsequent correspondence ending dated: 17/07/2011.

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Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act, 1974, and the Air (Prevention and Control of Pollution) Act, 1981 and without reducing your responsibilities under the said Acts and after going through your proposal for achieving the effluent and gaseous emission standards, it is to inform you that this Board grants you permission only for establishment for Limestone Mine of capacity – 2.0 Million Tonnes / Annum in lease area 553.656 ha at Village – Maldi, Mopar, Devrani, Karmadih and Boirdih, District - Baloda Bazar – Bhatapara (C.G.) subject to fulfillment of the following terms and conditions.

### Terms & Conditions: -

- 1. Industry shall adhere to the stipulations incorporated in the environmental clearance issued by the Ministry of Environment and Forests, Government of India vide letter no. -11015/252/2008-IA II (I), dated: 13/08/2010.
- 2. Industry shall provide adequate facility for proper treatment of industrial (workshop effluent), mine discharge and domestic effluent. Industry shall provide neutralization cum pucca settling pond for treatment of mine discharge, oil & grease separator followed by settling tank for treatment of industrial (workshop effluent). Industry shall provide sewage treatment plant for treatment of domestic effluent generated. Industry shall ensure that the treated effluent quality meet the standards prescribed by Board published in Gazette Notification dated 25.03.88. The major parameters shall conform the limits as follows: -



### CHHATTISGARH ENVIRONMENT CONSERVATION BOARD

Paryavas Bhawan, North Block, Sector - 19, Nava Raipur Atal Nagar, District - Raipur (C.G.) E-mail - hocecb@gmail.com

No.

7966 /TS/CECB/ 2020

Nava Raipur Atal Nagar, Dated 09 / 12 / 2020

To,

M/s Ambuja Cement Limited Village - Maldi Mopar, Devrani, Karmadih, Boirdih, Tehsil - Bhatapara District - Baloda Bazar – Bhatapara (C.G.)

Sub: -

Renewal of the consent of the Board under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981.

Ref: -

- Consent of the Board issued under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 vide letter no. 2637/TS/CECB/2015 Raipur, dated: 10/09/2015 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 vide letter no. 2637/TS/CECB/2015 Raipur, dated: 10/09/2015.
- 2. Last renewal of the consent of the Board under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 vide letter no. 8308/TS/CECB/2019 Raipur, dated: 15/03/2019 for Lime Stone Mine Development Activities for Lime Stone Mine of 2.0 Million Tonnes / Annum in 553.656 ha. lease area as per Approved Mining Plan.
- Amendment in consent and renewal of consent issued under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 vide letter no. 8847/TS/CECB/2020 Nava Raipur Atal Nagar, dated: 04/01/2020 for Limestone Mine of capacity – 2.0 Million Tonnes / Annum.
- 4. Your online application dated: 09/09/2020 (online application no. 6053121)

--:: 00 ::--

With reference to your above application, consents under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 are hereby renewed for period of three years i.e. from 01/01/2021 to 31/12/2023, subject to the fulfillment of the terms and conditions incorporated in the water consent letter no. 2637/TS/CECB/2015 Raipur, dated: 10/09/2015 and air consent letter no. 2639/TS/CECB/2015 Raipur, dated: 10/09/2015, subsequent amendment in consent issued by the Board and additional conditions mentioned below.

These renewal of consents are valid for production capacity of: -

Name	Production Capacity
Mining of Limestone	2.0 Million Tonnes / Annum
(in 553.656 ha.)	(Two Point Zero Million Tonnes / Annum)

### **Additional Conditions**

### A. Water consent as per the Water (Prevention and Control of Pollution) Act, 1974

- Mine management shall operate and maintain the effluent treatment system effectively and regularly. Mine management shall ensure treated effluent quality within the standards prescribed by Board published in Gazette Notification dated 25.03.88. Mine management shall not discharge any treated/untreated effluent in to the river or any surface water bodies. No effluent shall be discharged outside of the mine lease area in any circumstances; hence zero discharge condition outside the mine premises shall be maintained at all the time.
- 2. Mine management shall take necessary measures for disposal of all solid wastes such as stone rejects, top soil, over burden etc. in a proper, safe and scientific manner. Roadside sludge/muck generated during transportation shall also be properly disposed off in safe and scientific manner.
- Mine management shall obtain letter of authorization under Hazardous and Other Wastes (Management and Trans Boundary Movement) Rules, 2016 from the Board and ensure the compliance of the rule.
- 4. All internal roads shall be made and maintained pucca. Road shall cleaned properly and regularly. Good housekeeping practices shall be adopted by the mine management.
- 5. Mine management shall use fly ash brick, fly ash blocks or fly ash based products in their construction/repairing activities.
- 6. Mine management shall submit Environment Statement to the Board as per provision of Environment (Protection) amendment Rule, 1993 for the previous year ending 31<sup>st</sup> March on or before 30<sup>th</sup> September every year.
- 7. Mine management shall not increase production more than capacity mentioned in the consent letter & shall not initiate any action regarding expansion without obtaining prior consent of the Board.
- 8. Mine management shall enhance the capacity of rainwater harvesting structure to recharges ground water.
- 9. A 3-tier avenue plantation using broad leaf native species shall be developed along the haul roads, in the mining lease area / over burden dump sites etc. A green belt of at-least 15-20 meter width of broad leaf native species shall be developed all along the periphery of the lease area. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agricultural Departments. As far as possible maximum area of open spaces shall be utilized for plantation purposes. At-least 54.15 ha including 7.5m of the lease area shall be used for green belt development / plantation. The density of the trees shall not be less then 2500 plants per ha. The mine management shall involve local people with the help of self help group for plantation programme.

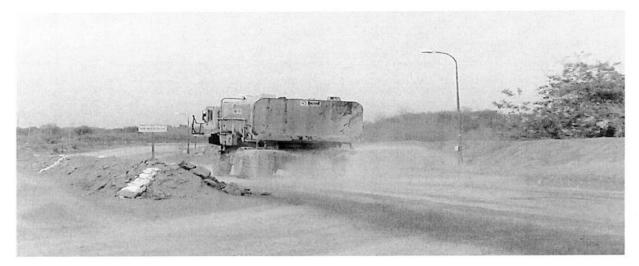
## AFFORESTATION DETAILS IN ACL RAWAN, UNIT-BHATAPARA (C.G)

2020-21	2019-20	2018-19	2017-18	2016-17	PLANIED YEAK	DI ANTED VE AD
1500	1500	2369	2125	4192	Planted	
	1450	2088	1656	2520	Sur.	MALDI MOPER M
	95	88	78	80	Sur%	ER MINES
<b>L</b>	Н	₽	ь	ר	Hect.	

# Species at Maldi Mopar Mines Area

Spathodea Campanulata	36	Khair
Alstonia scholaris	37	Karanj
Cassia fistula spp.	38	Karounda
Punica granatum	39	Kathal (Jack Fruit)
Terminalia arjuna	40	Kaner (Oleander & Nerium)
Polyalthia longifolia	41	Khamhar
Acasia Auriculiformis	42	Mango
Embbica Officinalis	43	Mahua
Acacia nilotica	44	Maharukh (Mhaneem)
Aegle marmelos	45	Musambi
Ziziphus jujubai	46	Munga (Drum Stick)
Melia azedarach	47	Mudhi
Phyllostachys	48	Neebu
Ficus Bengalensi	49	Neel Giri (Safeda)
Callistemon Citrinus	50	Neem
Cordia myxa	51	Pelto Phorum
Cassia saimea	52	Palash (Dhak)
Casurina indica	53	Palm tree (Bottel palm)
Achras zapota	54	Pangara
Achras Sapota	55	Putranjeeva (Luck Bean Tree)
Michelia champaka	56	Pipal
Tecoma gudichauri	57	Samal tree (Semhra)
Cocos nucifera	58	Seetaphal
Cassia festula	59	Siris
Terminalia catappa	60	Shahtut (Mulberry)
Psidium guajava	61	Sisoo
Delonix regia	62	Subabool
Gliricidia Masculata	63	Saja
Gardenia	64	Sagon (Teak)
Pithecellobium dulce	65	Safed siras(Karhi)
Ficus racemosa	66	Tikoma
Temredus indica	67	Vilayati kiker
Ujinia jaimbolana	68	White semal (Kpok Tree)
Bauhinia variegata	69	Laxmi taru
	Spathodea Campanulata Alstonia scholaris Cassia fistula spp. Punica granatum Terminalia arjuna Polyalthia longifolia Acasia Auriculiformis Embbica Officinalis Acacia nilotica Aegle marmelos Ziziphus jujubai Melia azedarach Phyllostachys Ficus Bengalensi Callistemon Citrinus Cordia myxa Cassia saimea Casurina indica Achras Sapota Michelia champaka Tecoma gudichauri Cocos nucifera Cassia festula Terminalia catappa Psidium guajava Delonix regia Gliricidia Masculata Gardenia Pithecellobium dulce Ficus racemosa Temredus indica Ujinia jaimbolana Bauhinia variegata	panulata is pp. pp. pp. pp. la folia folia alis alis inus alia appa aata

### Photograph of dust suppression system









## Ambuja Cements Ltd. Six Monthly Ambient Air Monitoring Report

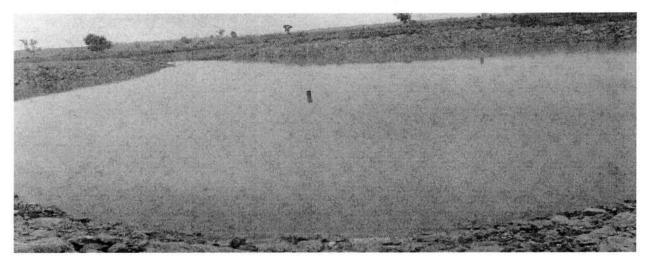
## (Oct -2020 to Mar-2021)

Ambie	Ambient Air Monitoring Report of month Oct-2020	nitoring Re	port of m	onth Oct-2	020	Am	Ambient Air Moi	nitoring Re	port of mo	Monitoring Report of month -Nov-2020	20
Monitoring	PM <sub>10</sub>	PM25	SO2	NOx (80	CO (4	Monitoring	PM <sub>10</sub>	PM <sub>2.5</sub>	SO2	NOx	CO (4
Station	(100µg/m <sup>3</sup> )	(60 µg/m³)	μg/m³)	μg/m³)	mg/m³)	Station	(100µg/m³)	µg/m³)	(80 μg/m³)	$(80 \mu g/m^3)$	mg/m³)
Maldi Mines Office	44.9-52.9	12.4-17.8	6.4-9.6	15.2-21.4	1.02-1.54	Maldi Mines Office	51.1-62.2	17.1-26.7	4-9.5	11.7-16.8	1.3-2.2
Bhatagaon	50.7	14.8	9.7	22.9	2.06	Bhatagaon	59.4	21.6	11.5	25.6	3.06
Turma	53.1	16.7	6.1	16.7	0.84	Turma	58.2	21.5	7.2	19.1	1.04
Rawan	59.7	20.6	=	26.3	2.88	Rawan	66.9	25.7	13.4	22.6	2.4
Dhandhani	59.2	24.4	9.6	17.2	1.6	Dhandhani	62.1	28.4	Ξ.	23.6	2.06
Chhuiha	55.6	16.1	13.7	24.7	2.58	Chhuiha	58.4	21.7	12.1	23.6	3.06
Purena	62.3	21.6	8.3	21.2	1.95	Purena	63.5	27.7	10.1	16.6	2.64
Arjuni	66.1	25.69	10.13	27.2	1.87	Arjuni	74.7	24.7	11.6	25.5	2.4
Ambie	Ambient Air Monitoring Report of month –Dec-2020	nitoring Re	port of m	onth –Dec-	2020	Amb	Ambient Air Moi	itoring R	eport of m	Monitoring Report of month -Jan-2021	2021
Monitoring Station	РМ <sub>10</sub> (100µg/m³)	PM <sub>2.5</sub> (60 µg/m³)	SO <sub>2</sub> (80 μg/m³)	NOx (80 μg/m³)	CO (4 mg/m³)	Monitoring Station	РМ <sub>10</sub> (100µg/m³)	РМ <sub>2.5</sub> (60 µg/m³)	SO <sub>2</sub> (80 μg/m <sup>3</sup> )	NOx (80 μg/m³)	CO (4 mg/m³)
Maldi Mines Office	61.1-70.4	15.1-25.7	7.5-10.7	14.7-20.2	0.89- 2.07	Maldi Mines Office	58.2-65.1	16.7-21.6	5.2-9.4	14.4-17.2	1.02-1.84
Bhatagaon	62.5	26.7	9.7	29.6	2.49	Bhatagaon	69.6	33.2	7.6	23.6	ري دي
Turma	62.4	27.5	8.2	22.6	1.34	Turma	69.4	30.5	6.2	20.4	1.56
Rawan	64.8	22.9	10.7	25.6	2.05	Rawan	68.4	18.2	6.2	20.3	2.6
Dhandhani	55.2	21.4	9.6	24.1	2.68	Dhandhani	58.2	24.3	7.5	19	1.22
Chhuiha	62.4	26.9	9.7	20.5	2.54	Chhuiha	65.4	36.6	6.5	18.4	3.01

Arjuni	Purena	Chhuiha	Dhandhani	Rawan	Turma	Bhatagaon	Maldi Mines Office	Monitoring Station	Ambio	Arjuni	Purena
61.24	55.2	58.62	62.33	57.15	65.18	57.15	54.15-62.84	PM <sub>10</sub> (100µg/m³)	Ambient Air Monitoring Report of month –Feb-2021	76.2	69.5
24.33	18.36	27.34	23.84	12.33	26.47	21.14	19.34-27.41	PM <sub>2.5</sub> (60 µg/m³)	itoring Re	26.4	22.5
05.15	3.51	4.15	05.64	04.26	5.02	04.22	3.87-5.17	SO <sub>2</sub> (80 µg/m <sup>3</sup> )	ort of mo	9.6	7.7
17.05	16.08	16.24	17.41	17.25	19.34	18.04	16.01- 21.67	NOx (80 µg/m³)	onth -Feb-	23.5	19.8
2.65	2.05	2.25	2.05	2.05	1.81	2.84	1.01-1.68	CO (4 mg/m³)	2021	2.87	3.54
Arjuni	Purena	Chhuiha	Dhandhani	Rawan	Turma	Bhatagaon	Maldi Mines Office	Monitoring Station	Ambien	Arjuni	Purena
61.24	55.2	60.27	68.51	65.41	60.15	61.03	50.31-	PM <sub>10</sub> (100μg/m	Ambient Air Monitoring Report of month –Mar-2021	79.4	72.1
24.33	18.36	23.51	26.41	17.62	20.54	18.67	17.22- 25.37	PM <sub>2.5</sub> (60 µg/m³)	toring Re	36.5	26.5
5.15	3.51	4.03	05.22	04.74	4.69	04.57	3.01-4.34	SO <sub>2</sub> (80 µg/m <sup>3</sup> )	port of mo	8.1	4.1
17.05	15.08	17.54	18.67	20.61	20.36	20.16	16.22- 21.28	NOx (80 µg/m³)	onth -Mar	18.3	17.5
2.65	2.05	2.68	2.57	2.61	2.03	2.06	0.98-1.61	CO (4 mg/m³)	-2021	3.2	2.8

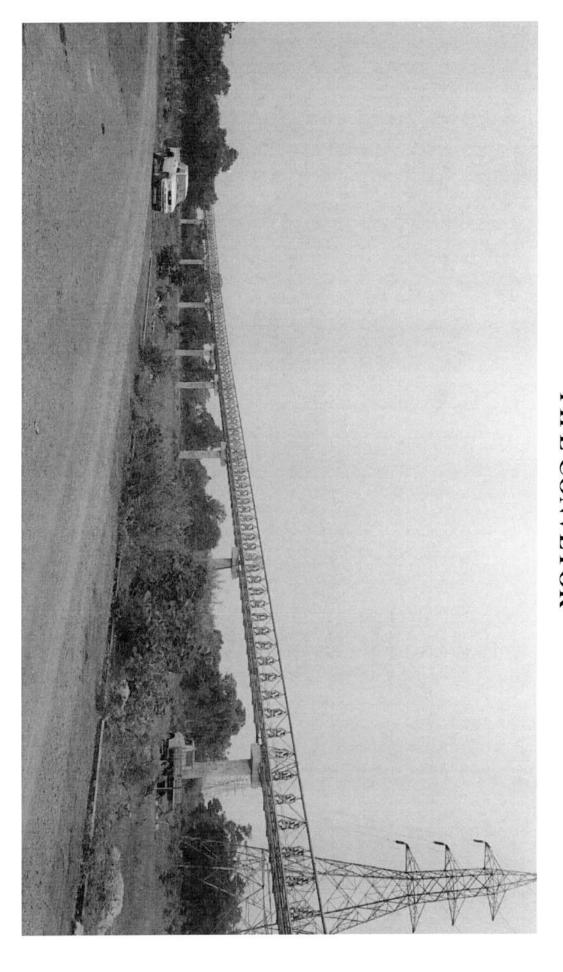
### MINE RAIN WATER HARVESTING STRUCTURE







## PIPE CONVEYOR



### AMBUJA CEMENTS LIMITED, UNIT: BHATAPARA

### MALDI MOPAR LIMESTONE MINES GROUND WATER MONITORING REPORT

FOR THE QUARTER ENDING DEC-2020 ( FROM October -2020 to December -2020)

STATION NO.	NAME OF VILLAGE & CITY	Water level Oct - 2020	Water level Nov- 2020	Water level Dec - 2020
1	Khamariya Village	9.27	8.10	7.84
2	Topa Village	6.21	5.96	5.76
3	Arjuni Village	10.50	10.13	9.70
4	Maldi Village	8.53	8.35	8.16
5	Devrani Village	2.04	2.41	2.75
6	Mopar Village	3.51	3.18	2.84
7	Rawan Village	5.85	5.00	4.15
8	Karmada Village	2.01	1.55	1.07
9	Pausari Village	6.86	6.43	5.99
10	Chhuiha Village	3.00	3.68	3.94
11	Baloda Bazar	7.02	5.89	4.75
12	Latua Village	6.06	6.03	5.99
13	Dhabadih Village	10.96	10.90	10.84
14	Magarchaba Village	1.75	1.94	2.11
15	Amera Village	3.71	3.78	3.81
16	Risda Village	5.11	5.03	4.94
17	Chanpa Village	7.63	7.12	6.59
18	Semaradih Village	10.17	9.69	9.20
19	Chandih Village	3.66	3.51	3.36
20	Khelwari Village	9.09	7.59	6.09
21	Kukurdih Village	6.87	5.76	4.58

Shiv Kumar Sahu

Sr. Manager (Maldi Mopar Limestone Mines)

### AMBUJA CEMENTS LIMITED, UNIT: BHATAPARA

### MALDI-MOPAR LIMESTONE MINES GROUND WATER MONITORING REPORT

FOR THE QUARTER ENDING MARCH-2021 (FROM January -2021 to March 2021)

Station No.	Location	Water level Jan - 2021	Water level Feb - 2021	Water level March - 2021
1	Khamariya Village	8.12	7.23	5.95
2	Topa Village	6.03	5.36	4.56
3	Arjuni Village	7.23	4.71	5.10
4	Maldi Village	7.01	6.28	5.20
5	Devrani Village	5.12	3.66	1.63
6	Mopar Village	3.15	0.78	0.31
7	Rawan Village	5.31	4.64	3.38
8	Karmada Village	2.06	1.59	0.19
9	Pausari Village	6.98	6.51	5.78
10	Chhuiha Village	4.95	2.42	1.22
11	Baloda Bazar	5.56	4.75	4.27
12	Latua Village	7.73	4.44	2.43
13	Dhabadih Village	8.41	6.13	4.98
14	Magarchaba Village	3.62	0.78	0.51
15	Amera Village	5.67	2.38	1.30
16	Risda Village	5.73	3.54	2.23
17	Chanpa Village	7.15	5.43	4.35
18	Semaradih Village	8.30	7.99	7.30
19	Chandih Village	4.52	0.42	0.31
20	Khelwari Village	7.30	7.58	6.71
21	Kukurdih Village	5.29	5.37	3.87

Macme M.

Shiv Kumar Sahu

Sr. Manager (Maldi Mopar Limestone Mines)

### Annexure-X

### **DRILLING MACHINE**





### CSR ACTIVITIES DURING THE YEAR October 2020 to March 2021 Highlights of Works of Ambuja Cement Foundation

Programme/Activities	<b>Achievement</b>	Details of Activity
Water Resource Management & Drinking Water		
Water Resource Management & Drinking		
Water		
Drinking water pipeline repairing	1	Bharseli
Handpump (repairing)	25	Rawan, Arjuni, Mladi
Water quality testing	48	Core villages
Check Dam construction / Renovation	3	Rawan, Mopar
Rain Water Recharge Structure	9	Rawan, Devrani
Soak Pit Construction	20	Rawan, Mopar
Awareness painting on water	13	Core vilages
Rural Infrastructure Development		
Solar Street light	16	Devrani
Construction of CC road	400 meter	Rawan, Karmandi
Rural Haat	1	Maldi
Grill work on road divider	1000 meter	Baloda Bazar
Hume pipe laying	2	Mopar
Agro Based Livelihood & Allied Activities		
Follow up of Farmers under SRI (Paddy) and DSR	118	Core Villages
Wheat Cultivation with improved package of practices (including zero tillage wheat cultivation)	270	Core villages (270 acre)
Mustard cultivation with improved package of practices	94	Core villages (120 acre)
Training of farmers on improved package of practices for wheat/mustard cultivation and felicitation program	129	Core Villages
Exposure of farmers at Wheat/Mustard demo plots (farmer's Field day)	743	Core Villages
Soil testing of farmer's plot a	24	Core Villages
Goat shed construction	8	Core Villages
Send our goat farmers at "District Level Animal Exhibition & Fair"	6	All three prizes received by our farmers in Goat Category
No. of animal treated/vaccinated	4109	139 Households

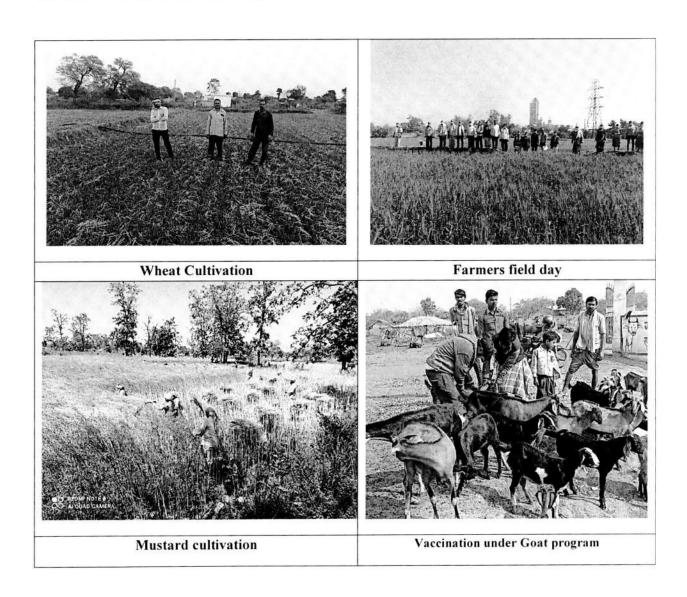
221	221 members from core
	villages
4	Core Villages
4	Core Villages
170	Core Villages
39	Core Villages
589	
7	Core Villages
119	
29	Core Villages
1240	
255	Core Villages
3060	Sensitized on NCD reasons,
	symptoms, effects & treatmen
769	Sensitized on MCH, MHM and
	Nutrition. prevention of Covid
	19 virus, early testing and
	vaccination of Covid 19
9063	
43	Core Villages
486	Core Villages
27	Core Villages
144	Core Villages
18699004	Core Villages
335	Core Villages
1580	Core Villages
15 Batches	
302	
302	
229	76%
	76% All Batches completed till 31st Mar 2021
	4  4  170  39  589  7  119  29  1240  255  3060  769  9063  43  486  27  144  18699004  335  1580

		20 to Mar 21
Innovated Virtual E- Pamphlet, and online Registration form for mobilization	Registered 286 inquiry	Conducted 06 Days Road show under the following Guidelines and wall painting done 34 villages covered in District Baloda Bazar- Bhatapara
Conducted Virtual interview for placement	Total 189 Trainees Participated	
Conducted parents meeting thought virtual meet platform	156 parents participated in virtual parents meet.	
Bankers invited for briefing thought online virtual meet	302 trainee participated.	LDM, Mr. M Prashad, Mr. S. S. Baghel (DIC) Baloda Bazar
We have conducted five safety awareness and motivational sessions such as handset safety, thunder safety, road safety and under the governments guidelines follow the during COVID- 19 situation.	296 youth participated.	
Organized guest lecture in virtual class from different SEDI locations for domains, Electrical, Retail, Mason, Beautician and soft skill.	28 Guest lectures	Thought online internal and External Guest

### **Financial Statement**

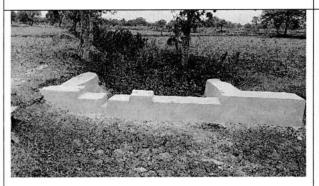
	AMBUJA CEMENT FOUNDATION – Bh	atapara
	EXPENSES DETAIL FROM 01-10-2020 to	31.03.2021
S.NO	ACTIVITIES	LH SPEND
1	EDUCATION SUPPORT PROGRAMME	745096.00
2	WATER RESOURCE MANAGEMENT	1385605.37
3	HEALTH AND SANITATION DEVELOPMENT	2536972.24
4	WOMEN EMPOWERMENT	928905.00
5	RURAL INFRASTRUCTURE DEVELOPMENT	8986619.00
6	AGRICULTURE AND ALLIED ACTIVITIES	2718291.80
7	SKILL DEVELOPMENT	3218110.71
8	SPORTS AND CULTURAL ACTIVITIES	344434.00
9	ESTABLISHMENT	536555.57
	TOTAL=	21400589.69

### AGRI BASED LIVELIHOODS:

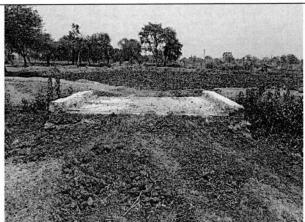


### WATER RESOURCE MANAGEMENT:





Check Dam Renovation- Diversion

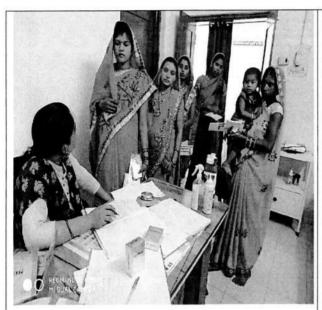


Hume Pipe Laying



Check Dam Renovation- Diversion

### **HEALTH AND SANITATION:**



ANC camp



Adolescent Training Programme

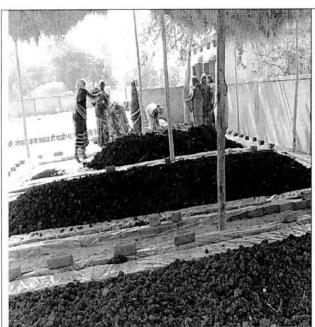


Pediatric Camp



General Health Camp

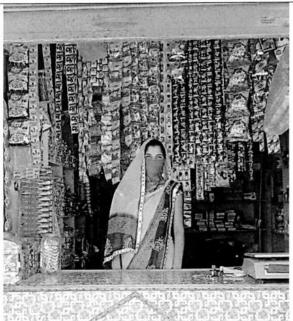
### **WOMEN EMPOWERMENT:**



IGA- Vermi-Compost Making



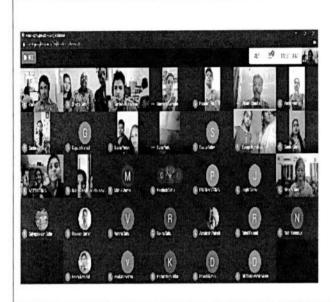
IGA- Bathing Soup Making



IGA- Kirana Shop

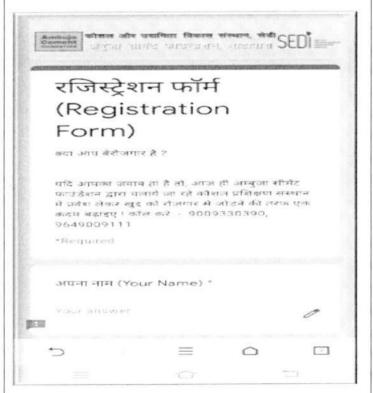


SHG Training





Online Virtual Training, ACF, SEDI

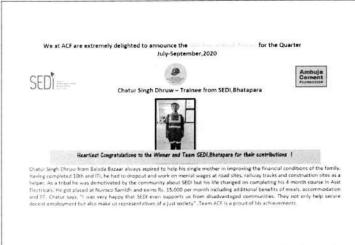


Online E-Registration

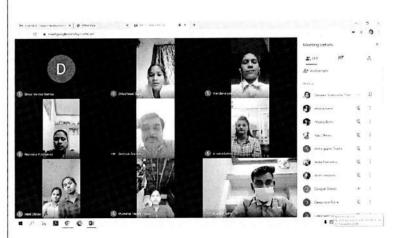
Bankers online session for financial support, by Lead Bank Manager, SBI & DIC



Online Registration Form



Skill Icon Award, Chatur Dhruw, Electrical Trade



Virtual Interview by Reliance Smart



Wall Painting work, under the Mobilization
Activity in 42 villages at Baloda Bazar-Bhatapra

15:38 🛇



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जागरूकता जनसेवा

### कौशल एवं उद्यमिता विकास संस्थान (सेडी) भाटापारा के द्वारा प्रेस वार्ता का आयोजन किया गया

By Khabar Bhatapara - 2 February 2021

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WhatsApp





भाटापारा :- सेडी, अंबुजा सीमेंट फॉउण्डेशन जो कि कौशल एवं उद्यमिता विकास के क्षेत्र में 2010 से निरन्तर बेरोजगार युवक एवं युवतियों को विभिन्न ट्रेड ब्यूटिशियन, इलेक्ट्रीशियन, रेफ्रिजेटर एवं ए. सी. रिपेयरिंग, रिटेल मार्केटिंग, होटल मैनेजमेंट में प्रशिक्षण देकर रोजगार से जोड़ने का निरन्तर प्रयास कर रहा है।

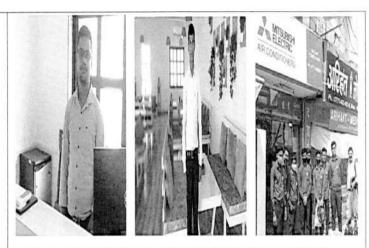
### ब्रेकिंग न्यूज़ ने घर की छत पर पार्टी का

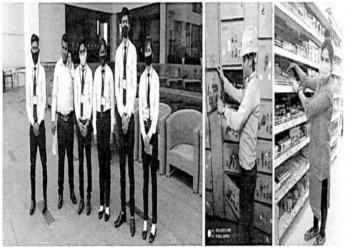
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Press Meet Conducted in SEDI Bhatapara





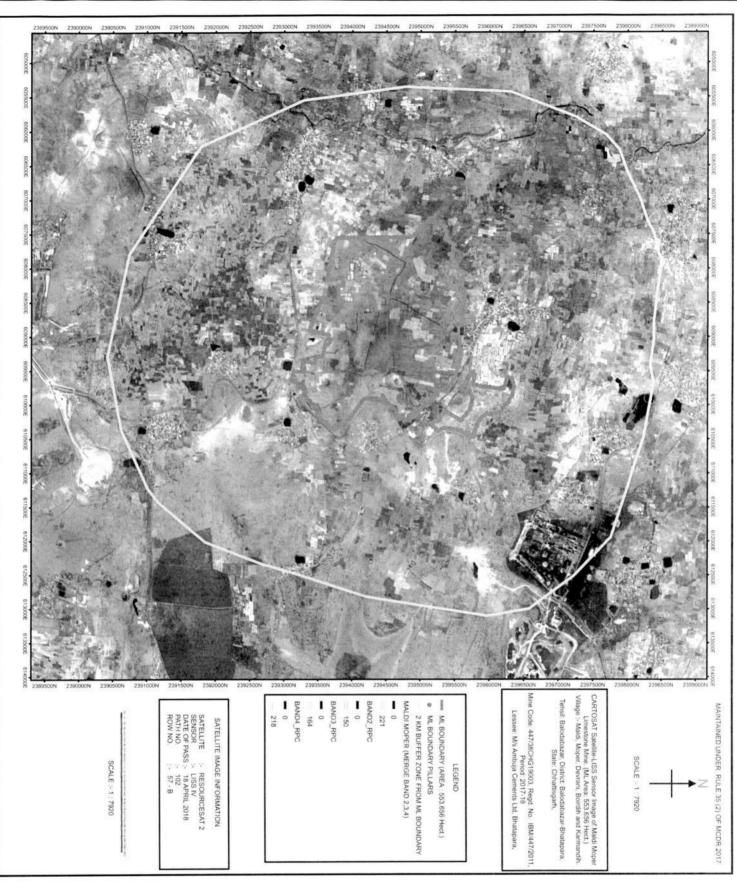
Placement Photos

### PEAK PARTICLE VELOCITY

The Blast Vibration monitoring is being carried out for every blast at our Maldi Mines. The Mininate instrument records the peak particle velocity (mm/sec) and air over pressure induced by the blast.

The blast induced vibration recorded at Maldi mines is below the permissible limit of 5 mm/sec. The last recorded blast induced ground vibration by the instrument was 4.908 mm/sec on 21st Oct-19. Other blasts have even less intensity of blast induced ground vibration that not even triggered the sensors to record it.

Туре	Serial	Date	Time	No.	Trigger	Tran	Vert	Long	Mic	PVS1	Description
	No.			Chan		Peak	Peak	Peak	Peak	(mm/s)	
						(mm/s)	(mm/s)	(mm/s)	(pa./dB)		
W	BE16292	Oct 21 /19	11:34:29	4	Vert	3.016	3.937	3.508	107.8L	4.908	MALDI MINES



Annexure - XIII

### Annexure- XV

oct-20 Oct-20	ents Ltd. Six Monthly ETP, STP and Min Oct-20 to Mar-21  Nov-20 Oct-20 O	Ltd. Six Monthly ETP, STP and Mine Oct-20 to Mar-21		M/s Ambuja Ceme	Test	Parameters pH COD	meters pH COD (mg/l)	Parameters pH (mg/l) Location 5.5-9 250 Rawan & Maldi Mines Work Shop (treated) 7.25 16.0	Parameters pH (mg/l)  Location 5.5-9 250  Rawan & Maldi Mines Work Shop (treated) 7.25 16.0  MONTH	Parameters pH (mg/l)  Location 5.5-9 250  Rawan & Maldi Mines Work Shop (treated)  MONTH  Test Parameters pH (mg/l)  Location pH (mg/l)	Parameters pH (mg/l) Location 5.5-9 250  Norms 5.5-9 250  Rawan & Maldi Mines Work Shop (treated)  MONTH  Test PH (mg/l) Location pH (mg/l)  Norms 5.5-9 250
Oct-20 to Mar-	Oct-20 to Mar-21  SS PH COD BOD Greas (mg/I) (mg/I) (mg/I) (mg/I)			td. Six Mo	Oil & Grease (mg/l) (r		10			e as e	
P, STP a	P, STP and Min O Mar-21  Nov-20  COD BOD Great (mg/l) (mg/l (mg/l)			onthly ET Oct-20 t				<4.0 8.17			
	and Min 21 Vov-20 Oil 8 Greas mg/I (mg/			P, STP a				12	12 6 Feb-21		
	REPORT	ORT		OF M	BOD (mg/l	(mg/I	30	8 30	30 8 Mar-21	30 8 8 80D (mg/l	30 8 8 Mar- Mar- (mg/l
	REPORT OF M  Dec-  COD  Dec-  (mg/l)  Dec-  (mg/l)	ORT OF M  Deccon Bod (mg/l)	OF M  Dec- BOD (mg/I	ONTH	Oil &	(mg/I)	10	0.5	0.5	10 0.5 0.1 & Grease (mg/l)	0.5 0.5 0.5 0.1 & Grease (mg/I)
water REPORT OF MC  SS PH COD BOD (mg/l) (mg/l)	REPORT OF MONTH  Dec-20  COD BOD Grease (mg/l) (mg/l)	ORT OF MONTH    Dec-20	Dec-20 BoD Oil & Grease (mg/l) Grease (mg/l)		SS (mg/l)	100		4	4	<4 SS (mg/l)	ss (mg/l)

### Annexure-XIX

	Ambuja Cements Ltd. Six Monthly AMBIENT NOISE LEVEL REPORT
	td.
Oct -2	Six Monthly
Oct -2020 to Mar-2021	y AMBIENT
r-2021	NOISE I
	LEVEL
	REPORT
	OF MONTH

					7	6	5	4	ω	2	1	0.	S.N		7	6	5	4	3	2	ь	0.	S.N		
			Norms**		Bhatagoan village	arjuni village	Ambuja colony	DHANDANI village	TURMA village	Maldi Limestone Haulage Road	Maldi Lime stone Field office		Location	MONTH	Bhatagoan village	Arjuni village	Ambuja colony	DHANDANI village	TURMA village	Maldi Limestone Haulage Road	Maldi Lime stone Field office		Location	MONTH	
Silence Zone	Residential area (R)	Commercial area	Industrial area (I)	Area	43.27	44.38	43.51	46.35	45.15	45.62	46.21	Day Time Leq.	Noise Level (dB)	Jan-21	38.6	43.8	43.1	42.5	46.38	46.82	48.36	Day Time Leq.	Noise Level (dB)	Oct-20	9
e Zone	d area (R)	cial area	d area (I)	ea	38.41	40.87	39.52	40.67	42.55	42.0	43.51	Night Time Leq.	vel (dB)	.21	34.4	38.14	38.26	35.68	39.54	41.70	43.43	Night Time Leq.	vel (dB)	.20	סבני בסבס נס
					45.17	45.08	45.36	44.27	48.03	44.28	47.28	Day Time Leq.	Noise L	Fel	42.9	46.5	45.7	46.8	49.7	45.6	46.2	Day Time Leq.	Noise L	No	INIGITOUT
50	55	65	75	Day Time Leq.	39.45	41.44	42.15	42.12	43.24	42.32	44.05	Night Time Leq.	Noise Level (dB)	Feb-21	37.8	41.2	40.6	39	44	43	41.7	Night Time Leq.	Noise Level (dB)	Nov-20	
4	4	0.		Night Time Leq	46.14	47.69	46.82	47.27	46.71	46.84	46.78	Day Time Leq.	Noise Level (dB)	Mar-21	40.58	45.74	41.87	48.68	48.23	47.01	47.51	Day Time Leq.	Noise Level (dB)	Dec-20	
40	5	55	70	ime Leq.	41.25	43.57	43.58	41.68	40.21	43.47	45.34	Night Time Leq.	vel (dB)	r-21	36.47	39.25	36.48	42.74	40.28	41.84	44.05	Night Time Leq.	vel (dB)	-20	

### Safety Training/ Re-training/ Induction- Attendance Sheet

10.11. 12020.... Safety Training/ Re-training/ Induction Program

Venue: maldi-mapon mines. Faculty: Bhola Ram Venna.

Name	Designation	PF Code	Agency	Signature
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### Safety Training/ Re-training/ Induction- Attendance Sheet

Venue: Muldi mopan mines
Faculty: Tikeshwan Venna

tion 20min

Name	Designation	PF Code	Agency	Signature
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(Signature of Trainer)



Sanjay Kumar YADAVA <sanjay.yadava@ambujacement.com>

## Boirdih Village. period Oct.2019 to March 2020, Maldi- Mopar Limestone Mine located at Maldi, Mopar, Devrani, Karmadih and Reg.Submission of Half Yearly EC Compliance Report along with Environmental Monitoring Report for the

1 message

Sanjay Kumar YADAVA <sanjay.yadava@ambujacement.com>

Tue, May 19, 2020 at 12:27 PM

<rocecbraipur2014@gmail.com>, eccompliance-cg@gov.in To: apccfcentral-ngp-mef@gov.in, CPCB RD Bhopal <cpcb.bhopal@gmail.com>, Head Office CECB <hocecb@gmail.com>, Regional Officer

Ref: EC letter no. J-11015/252/2008-IA.II (M) dated 13th August, 2010.

Dear Sir/Madam,

Environmental Monitoring Report (Oct.2019 to March 2020) for conditions stipulated the Environmental clearances Maldi- Mopar Limestone Mine Please find the enclosed herewith the six monthly Environment Clearance Compliance Report of stipulated conditions along with monthly located at Maldi, Mopar, Devrani, Karmadih and Boirdih Villages

This is for your kind information and record

Bhatapara-Maldi-Mopar Limestone Mines- Half Yea...

Dist: Baloda BazaBhatapara, Chhattisgarh Ambuja Cements Ltd. Unit - Bhatapara, Environment Dept. Sanjay Yadav www.ambujacement.com Mobile - 8982073666 Thanks & Regards





सर्वसंबंधितों को सचना

भारत सरकार पर्याकरण एवं वर मंत्रालय की अधिस्चना दिनांक 14.09.2006 के तहत् सर्व संबंधित को सुचित किया जात है। कि में, अंब्रु म सीमेंट लिमिटेड हाग लाईम स्टान माईन ( मार्डनिंग लीज क्षेत्र 553.656 हेक्टेंग्र ) क्षमता 2.0 एम.टी.पी.ए. ग्राम मल्दी, मीपर, देवरानी, करमाडीह एवं बाईरडीह, तहसील बलौदाबाजार /भाटापास, जिला सबपुर (छ.ग.) में प्रस्तावित है। जिसके लिये छत्तीसगढ़ पर्यावरण संरक्षण मंडल में लोक सुनवाई हेतु आवेदन किया गया है। उक्त परियोजना से संबंधित ड्राफ्ट ई.आई.ए. रिपोर्ट एवं सार (सॉफ्ट कार्पा सहित), कार्यालय कलेक्टर जिला रावपुर, कार्यालय जिला पंचायत जिला रावपुर, जिला व्यापार एवं उद्योग केन्द्र जिला रायपुर, कार्यालय ग्राम पंचायत मर्ल्या, कार्यालय ग्राम पंचायत मापूर, कार्यालय ग्राम पंचायत देवरानी, कार्यालय ग्राम पंचायत करमाडीह एवं कार्यालय ग्राम पंचायत बोइरडीह, निंदशक पर्यावरण एवं वन मंत्रालय भारत सरकार पर्यावरण भवन सी.जी.ओ. कॉम्पलेक्स लोधी रोड नई दिन्ती, निदेशक पर्यावरण एवं वन मंत्रालय भारत सरकार क्षेत्रीय कार्यालय अक्षय हॉस्पीटल के पम लिंक रोड नं. -3 रविशंकर नगर पोस्ट ऑफिस भोपाल सदस्य सचिव छत्तीसगढ पर्यावरण संरक्षण मंडल 1- तिलक नगर शिव मंदिर चीवा मेन रोड अवंदि विदास रायपुर एठ क्षेत्रीय अधिकारी क्षेत्रीय कार्यालय छत्तीसगढ पर्यावरण संनक्षण मंहल न्यु एच आई. जी. - 9, 10, 11 उदांबद रायुर स्थित कार्यालयों में अवलंबन हेतु उपलब्ध है । जिसका अवलोकन कार्यालयीन समय में किया जा सकता है।

प्रस्तादित परियोजना के संबंध में सहाव, विचार, टीका-टिप्पणी एवं आपीत इस सुचना के नारी होने के दिनोज से 30 दिवस के भीतर क्षेत्रीय अधिकारी, छत्तीसगढ़ प्रबादरण संख्या भारत न्यू एवं आई से. - ६, १०, ११ टार्टाकेंग्, रायपुर (इ.स.) के कार्यालय से मीरिक्त अथवा लिखन कर से आर्यालयोन समय में प्रस्तुत की जी सकती है। इस परियोजना के लिए लोक कुनकाई दिनांच 06.08.2009 हिन गुरूका के दोगदर 12:00 वर्ष ग्राम भागत कार्यालय भवन मापर, जिल्हा रायुक्त में आयोजित है, जिससे भी सुझाद, विचार, टिक्स-टिप्पणी एवं आर्यात दर्न कराई ना सकते हैं

· क्षेत्रीय अधिकारी -छ.ग. पर्यावरण संरक्षण मण्डल

न्यू एच.आई.जी.- 9-10-11 टाटीबंध रायपर

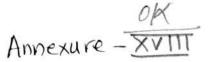
Hindustan Times Date-04-07-2009

### सर्वसंबंधितों को सूचना

भारत संरकार पर्यावरण एवं वन मंत्रालय की अधिसचना दिनांक 14.09.2006 के तहत सर्व संबंधितों को सूचित किया जाता है कि में. अंबुज़ा सीमेंट लिमिटेड द्वारा लाईम स्टोन माईन (माइनिंग लीज क्षेत्र 553.656 हेक्टेयर) क्षमता 2.0 एम.टी.पी.ए. ग्राम मल्दी, मोपर, देवरानी, करमाडीह एवं बोईरडीह, तहसील बलौदाबाजार/भाटापारा, जिला रायपुर ( छ.ग. ) में प्रस्तावित है। जिसके लिये छत्तीसगढ़ पर्यावरण संरक्षण मंडल में लोक सुनवाई हेतु आवेदन किया गया है। उक्त परियोजना से संबंधित ड्राफ्ट ई.आई.ए. रिपोर्ट एवं सार (सॉफ्ट कापी सहित), कार्यालय कलेक्टर जिला रायपुर, कार्यालय जिला पंचायत जिला रायपुर, जिला व्यापार एवं उद्योग केंन्द्र जिला रायपुर, कार्यालय ग्राम पंचायत मल्दी, कार्यालय ग्राम पंचायत, मोपर कार्यालय, ग्राम पंचायत देवरानी, कार्यालय ग्राम पंचायत करमाडीह एवं कार्यालय ग्राम पंचायत बोईरडीह, निदेशक पर्यावरण एवं वन मंत्रालय भारत सरकार पर्यावरण भवन सी.जी.ओ. कॉम्पलेक्स लोधी रोड नई दिल्ली, निदेशक पर्यावरण एवं वन मंत्रालय भारत सरकार क्षेत्रीय कार्यालय अक्षय हॉस्पिटलं के पास लिंक रोड नं.-3, रविशंकर नगर पोस्ट आफिस भोपाल, सदस्य सचिव छत्तीसगढ पर्यावरण संरक्षण मंडल 1- बिलक नगर शिव मंदिर चौक मेन रोड अवंति विहार रायपुर एवं क्षेत्रीय अधिकारी क्षेत्रीय कार्यालय छत्तीसगढ़ पर्यावरण संरक्षण मंडल न्यू एच.आई.जी.-9, 10, 11 टाटीबंध सयपुर स्थित कार्यालयों में अवलोकन हेतु उपलब्ध है। जिसका अवलोकन कार्यालयीन समय में किया जा

प्रस्तावित परियोजना के संबंध में सुझाव, विचार, टीका-टिप्पणी एवं आपित इस सचना के जारी होने के दिनांक से 30 दिवस के भीतर क्षेत्रीय अधिकारी, छत्तीसगढ पर्यावरण संरक्षण मंडल, न्यू एच.आई.जी.-9, 10, 11, टाटीबंध, रायपुर (छ.ग.) के कार्यालय में मौखिक अथवा लिखित रूप से कार्यालयीन समय में प्रस्तृत की जा सकती है। इस परियोजना के लिए लोक सुनवाई दिनांक 06.08.2009 दिन गुरूवार को दोपहर 12.00 बजे ग्राम पंचायत कार्यालय भवन मोपर, जिला रायपर में आयोजित है, जिसमें भी सुझाव, विचार, टीका-टिप्पणी एवं आपत्ति दर्ज कराई जा सकती है।

क्षेत्रीय अधिकारी छ.ग. पर्यावरण संरक्षण मंडल न्यू एच.आई.जी. 9-10-11, टाटीबंध, रायपुर (छ.ग.)



### **Ambuja** Cement

REF: ACL/ENV/2020-21/ |4|

Date: | 5.09.2020

To, The Member Secretary Chhattisgarh Environment Conservation Board, Paryavas Bhavan, North Block Sector-19, Nava Raipur, Atal Nagar (C.G.) 490099

Sub: Submission of Environmental Statement (Form-V) for the financial year 2019 -2020 Maldi-Mopar Lime Stone Mine reg.

Dear Sir,

Please find the enclosed herewith Form - V (see rule 14), Environment Statement Report (FY-2019 -2020, for our Maldi- Mopar Limestone Mine located at Maldi, Mopar, Devrani, Karmadih and Boirdih Village, Balodabazar Tehsil, Balodabazar-Bhatapara Distt. Chhattisgarh.

This is for your kind information and reference.

Thanking you,

For Ambuja Cements Limited. (Unit-Bhatapara)

Type (Pankaj Lochan)

Manufacturing Cluster Head (East)



CC.: The Regional Officer, CECB, Kabir Nagar Commercial Complex, Chhattisgarh Housing Board Colony, Kabir Nagar, Raipur (C.G.)

### AMBUJA CEMENTS LIMITED

(Unit - Bhatapara)

Vill & PO.: Rawan, Tehsil Balodabazar, Dist.: Baloda, Bazar-Bhatapara, Chhattisgarh- 493 331 Ph.: 07727-220010 to 15, Fax: 077277220004

CIN: L2694GJ1981PL004717, Website:www.ambujacement.com Regd. Office: PO: Ambuja Nagar, Taluka: Kodinar, District: Gir Somnath, Gujarat, 362715

### Submission of Half Yearly EC Compliance Report with Environmental Monitoring Report for the period Oct 2020 to March 2021 Maldi Mopar Limestone mine

1 message

Environment Bhatapara <environment.bhatapara-ind@ambujacement.com>

Tue, Jun 1, 2021 at 6:04 PM

To: iro.raipur-mefcc@gov.in, CPCB RD Bhopal <cpcb.bhopal@gmail.com>, Head Office CECB <hocecb@gmail.com>, Regional Officer <rocecbraipur2014@gmail.com>, eccompliance-cg@gov.in

Dear Sir/Madam,

Please find the enclosed here with the six monthly Environment Clearance Compliance Report of stipulated conditions along with Monthly Environmental Monitoring Report (Oct 20 to March 2021) for Maldi-Mopar Limestone Mine. Same copy has been uploaded on the company MOEFCC website. This is for your kind information and record.

Regards

### ANUBABU.B,

Environment Dept., Ambuja Cement Ltd (Bhatapara Unit), Rawan Village, Baloda Bazar Dist., Chhattisgarh-493331,

Mobile: +91-8982073523 & +91-7000182227.

Office: 8982073666

ACL-BYT-ENV-HECR-2021-22-87.pdf
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