

**Proposed Expansion of Limestone Mining Lease (ML Area 740.93 ha) from 3.75 MTPA to 9.10 MTPA**  
At Villages – Bhatkotari, Lasrawan, Phalwa and Rasulpura, Tehsil- Nimbahera, District-Chittorgarh (Rajasthan)

*Form - I / Appendix - I*

**APPENDIX - I**  
**(See paragraph – 6)**

**FORM - 1**

**(I) Basic Information**

<b>S. No.</b>	<b>Item</b>	<b>Details</b>
1.	Name of the project/s	Proposed Expansion of Limestone Mining Lease from 3.75 MTPA to 9.10 MTPA
2.	S. No. in the schedule	As per EIA Notification dated 14 <sup>th</sup> September 2006, as amended on 01.12.2009, this project falls under Category “A”, Project or Activity 1(a) – 3.
3.	Proposed capacity/ area/ length / tonnage to be handled/ command area/ lease area/ number of wells to be drilled	<ul style="list-style-type: none"> <li>▪ Mining Lease Area: 740.93 ha.</li> <li>▪ Expansion of Limestone production capacity: <b>3.75 to 9.10 million tonnes per annum(MTPA)</b></li> </ul>
4.	New/Expansion/Modernization	Expansion
5.	Existing Capacity/Area, etc.	Existing Limestone production Capacity: 3.75 MTPA
6.	Category of Project i.e. 'A' or 'B'	Category “A”
7.	Does it attract the general condition? If yes, please specify.	No, it does not attract the general condition.
8.	Does it attract the specific condition? If yes, please specify.	No, it does not attract the specific condition.
9.	Location	
	Plot/Survey/Khasra No.	Same is enclosed as <b>Annexure 1</b>
	Villages	Bhatkotari, Lasrawan, Phalwa and Rasulpura
	Tehsil	Nimbahera
	District	Chittorgarh
	State	Rajasthan
10.	Nearest railway station/airport along with distance in kms.	<ul style="list-style-type: none"> <li>➤ Nearest Airport: Dabok (~ 75 km in W)</li> <li>➤ Nearest Railway Station: Gambhiri Road Railway Station (~ 5.0 km in NE)</li> </ul>
11.	Nearest Town, city, District Headquarters along with distance in kms.	<ul style="list-style-type: none"> <li>➤ Nearest Town : Nimbahera (~ 5.0 km in SE )</li> <li>➤ Nearest City: Udaipur (~ 100 km in WSW)</li> </ul>
12.	Village Panchayats, Zila Parishad, Municipal Corporation, Local	➤ Office of Gram Panchayat - Fature Ahiran, Tehsil -

**Proposed Expansion of Limestone Mining Lease (ML Area 740.93 ha) from 3.75 MTPA to 9.10 MTPA**  
At Villages – Bhatkotari, Lasrawan, Phalwa and Rasulpura, Tehsil- Nimbahera, District-Chittorgarh (Rajasthan)

**Form - I / Appendix - I**

	body (complete postal addresses with telephone nos. to be given)	Nimbahera, District - Chittorgarh (Rajasthan)	
		<ul style="list-style-type: none"> <li>➤ Office of Gram Panchayat - Lasdavan, Tehsil - Nimbahera, District - Chittorgarh (Rajasthan)</li> <li>➤ Office of Gram Panchayat - Badholee Madhosingh, Tehsil - Nimbahera</li> <li>➤ Office of Nagar Palika, Nimbahera - 312 601, District - Chittorgarh (Rajasthan)</li> <li>➤ Office of Municipal Corporation, Chittorgarh, District Chittorgarh (Rajasthan)</li> </ul>	
13.	Name of the applicant	M/s. Wonder Cement Limited(A Unit of R. K. Marble Group)	
14.	Registered Address	<b>Registered &amp; Corporate Office Address:</b> Makarana Road, Madanganj-Kishangarh-305 801, District - Ajmer, Rajasthan (INDIA).	
15.	Address for correspondence :	<b>Project Proponent</b>	<b>EIA Consultant</b>
	Name	<b>Mr. S. M. Joshi</b>	<b>Mr. B. M. Mathur</b>
	Designation (Owner/Partner/CEO)	President (Works)	Associate Director
	Address	<b>M/s Wonder Cement Ltd.,</b> At R. K. Nagar, Tehsil - Nimbahera, District- Chittorgarh, Rajasthan	<b>JM EnviroNet Pvt. Ltd.,</b> SCO 16, Sector 10 A, Gurgaon (Haryana)
	Pin Code	312 601	122001
	E-mail	<a href="mailto:sm.joshi@wondercement.com">sm.joshi@wondercement.com</a> <a href="mailto:/wondercement@rkmarble.com">/wondercement@rkmarble.com</a>	<a href="mailto:jmenviron@hotmail.com">jmenviron@hotmail.com</a> , <a href="mailto:jmenviro@jmenvironet.org">jmenviro@jmenvironet.org</a>
	Telephone No.	+91-88900-50500	0124-3206559
	Fax No.	01477 - 222422	0124-4141926
16.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a toposheet.	No alternative site has been considered. Since it is an existing Project.	
17.	Interlinked Projects	Expansion of Integrated Cement Project - Clinker (2.0 to 6.0 MTPA), Cement (3.25 to 8.0 MTPA), CTPP (40 MW to 80 MW), D.G. Set (2.0 MW to 7.0 MW) & WHRB (2 x 9 MW) at Villages: Bhatkotri, Lasrawan, Phalwa and Rasulpura, Tehsil: Nimbahera, District: Chittorgarh (Rajasthan)	
18.	Whether separate application of interlinked project has been submitted?	Yes	
19.	If yes, date of submission	13.09.2012	
20.	If no, reason	Not Applicable	

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*Form - I / Appendix - I*

21.	Whether the proposal involves approval/clearance under: if yes, details of the same and their status to be given. (a) The Forest (Conservation) Act, 1980 ? (b) The Wildlife (Protection) Act, 1972 ? (c) The C.R.Z Notification, 1991?	No
22.	Whether there is any Government Order/ Policy relevant/ relating to the site?	No
23.	Forest land involved (hectares)	No Forest land is involved in the lease area.
24.	Whether there is any litigation pending against the project and/or land in which the project is proposed to be set up? (a) Name of the Court (b) Case No. (c) Orders/directions of the Court, if any and its relevance with the proposed project.	No litigation is pending against the project.

**(II) Activity**

**1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)**

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	Yes	The mining lease area is 740.93ha and having more or less plain topography. At the conceptual stage of mining the worked out pit will be converted in to water reservoir and green belt will be developed in 75 ha earmarked area within the premises.
1.2	Clearance of existing land, vegetation and buildings?	No	No clearance of existing land vegetation and buildings is required.
1.3	Creation of new land uses?	Yes	At the conceptual stage of mining the worked out pit will be converted in to water reservoir and green belt will be developed in 75 ha earmarked area within the premises.
1.4	Pre-construction investigations e.g.	No	Pre-construction investigations have already been

**Proposed Expansion of Limestone Mining Lease (ML Area 740.93 ha) from 3.75 MTPA to 9.10 MTPA**  
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*Form - I / Appendix - I*

	bore houses, soil testing?		carried out and found satisfactory. Thus it is not required for proposed expansion project.
1.5	Construction works?	No	No additional construction works is proposed. Existing mine office, magazine, weigh bridge, canteen, rest shelters, workshop etc. will be used. No new building will be constructed.
1.6	Demolition works?	No	The proposed expansion will be in production of existing limestone mine lease area, hence no demolition is required.
1.7	Temporary sites used for construction works or housing of construction workers?	No	No temporary sites will be used for construction works or housing of construction workers; Existing facilities will be used for expansion project.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	No	All buildings like mine office canteen, rest shelters etc. are available in the premises of existing limestone mine lease area. Excavation during mining operation will be carried out. Voids will be formed by excavation of mineral.
1.9	Underground works including mining or tunneling?	No	No underground works including mining or tunneling is required.
1.10	Reclamation works?	Yes	Reclamation work will be carried out as per scheme of the mine plan.
1.11	Dredging?	No	There will be no dredging.
1.12	Offshore structures?	No	There are no offshore structures.
1.13	Production and manufacturing processes?	Yes	Total Limestone production is proposed to be 9.10 MTPA. (Expansion of limestone production capacity from 3.75 to 9.10 MTPA). Open cast mechanized mining operation is adopted. Mining activities involves drilling, blasting, loading, transportation, dozing and rock breaking operation by deploying heavy earth moving machineries (HEMM).The overburden will be removed. Limestone bench will be drilled and blasted in adopting safe & environment friendly procedures. Excavated limestone will be transported to crusher and finally to cement plant.
1.14	Facilities for storage of goods or materials?	No	The excavated Limestone will be temporarily stored at non mineralized parts of the lease area and will be transported to cement plant.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	Overburden generated will be very less and will not required any treatment. Top soil will be stacked at non mineralized area and will be utilized in green belt development. Waste wastewater will not be generated in the open cast mining operation.

**Proposed Expansion of Limestone Mining Lease (ML Area 740.93 ha) from 3.75 MTPA to 9.10 MTPA**  
At Villages – Bhatkotari, Lasrawan, Phalwa and Rasulpura, Tehsil- Nimbahera, District-Chittorgarh (Rajasthan)

*Form - I / Appendix - I*

1.16	Facilities for long term housing of operational workers?	No	Township is not proposed. Township for both skilled and unskilled workers has been constructed for existing and proposed mines and cement plant.
1.17	New road, rail or sea traffic during construction or operation?	No	Not Applicable
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports, etc?	No	Not Applicable
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	No closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements is required.
1.20	New or diverted transmission lines or pipelines?	No	No new or diverted transmission lines or pipelines are there.
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	There will be no impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers.
1.22	Stream crossings?	No	No stream crossings exist in the area.
1.23	Abstraction or transfers of water from ground or surface waters?	Yes	Total water requirement after proposed expansion of the project will be 112 KLD. Out of which 72 KLD water will be recycled and fresh water requirement for the project will be 40 KLD only. Fresh water will be used for drinking purpose. Groundwater will be used for drinking. Recycled water from ETP/STP will be used for sprinkling on haulage road for dust suppression. Permission for extraction of ground water for existing project has been granted by CGWA vide letter No. 21-4(212)/WR/CGWA/2007-20 dated 4-7-2007).
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	There will be no change in water bodies or the land surface affecting drainage or run-off.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	Staff vehicles will be provided to far away commuters. Limestone is transported through dumpers up to crusher hopper and from crusher limestone is transported to cement plant by covered conveyor belt.
1.26	Long-term dismantling or decommissioning or restoration works?	No	No long-term dismantling or decommissioning or restoration works is required. Green belt would be developed within the mine

**Proposed Expansion of Limestone Mining Lease (ML Area 740.93 ha) from 3.75 MTPA to 9.10 MTPA**  
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*Form - I / Appendix - I*

			lease area and along the boundary, which will contribute in increasing the aesthetic beauty and reduction of pollution
1.27	Ongoing activity during decommissioning, which could have an impact on the environment?	No	There will be no impact on the environment due to ongoing activity during decommissioning.
1.28	Influx of people to an area in either temporarily or permanently?	No	The additional Manpower (30 persons) will be required which will be taken from nearby villages.
1.29	Introduction of alien species?	No	Not Applicable
1.30	Loss of native species or genetic diversity?	No	No such case is reported from the area so far. As environmental disturbance is not much it is not likely in future also.
1.31	Any other actions?	No	Not Applicable

**2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):**

S. No.	Information/checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)	Yes	Expansion of mining activities inside the existing mine lease area only.
2.2	Water (expected source & competing users) unit: KLD	Yes	Total water requirement after proposed expansion of the project will be 112 KLD. Out of which 72 KLD water will be recycled and fresh water requirement for the project will be 40 KLD only. Fresh water will be used for only drinking purpose.  Groundwater will be used for drinking. Recycled water from ETP/STP will be used for sprinkling on haulage road for dust suppression.
2.3	Minerals (MT)	No	No other mineral of any sort is used for process. The company has proposed for enhance production of 5.35 MTPA Limestone.
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	No	Construction material will not be required as required infrastructure is available in the existing mines.
2.5	Forests and timber (source – MT)	No	No forests and timber is required.
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	Diesel would be used for the operation of mining machines. Captive power plant will provide power to the proposed expansion project.
2.7	Any other natural resources (Use appropriate standard units)	No	Not applicable, as there will not be use of any other natural resources.

**3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.**

S. No.	Information/ Checklist	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and Water supplies)	No	No substances or materials will be used, which are hazardous to human health or the environment  Explosives, used for blasting, are stored in mines magazine. Safety is ensured and eco-friendly blasting is practiced, the entire blasting operations are carried out as per provisions and guidelines of MMR, 1961 and Indian Explosives Act and Rules. MSDS is maintained and followed to avoid any error.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	No effect envisaged due to this mining project.
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	There is positive impact of the project in the area as follows :  <ul style="list-style-type: none"> <li>▪ Providing better employment opportunities, both direct and indirect, this will enhance the living standards and economic status of the local people.</li> <li>▪ Communication and transport facilities have improved</li> <li>▪ Education facilities have improved</li> <li>▪ Community Health care programmes. Provides better health and medical facilities not only to the employees but also to villagers.</li> </ul>
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	No effect envisaged.
3.5	Any other causes	No	Nil

**4. Production of solid wastes during construction or operation or Decommissioning (Tonnes/Month)**

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes	Yes	Overburden or mine wastes will store at earmarked location as per scheme of mine plan. Top Soil is stacked separately for plantation and reclamation work.
4.2	Municipal waste (domestic and or commercial wastes)	No	Only domestic wastewater generated from mines office, which is disposed off in soak pit via septic tank.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	Yes	A small quantity of spent oil is generated, part of which is consumed for lubrication of external part of machine, lubrication of drill machine hammers, etc. & balance is sold to Authorized Recyclers.
4.4	Other industrial process wastes	No	There will be no other industrial process waste generation.
4.5	Surplus product	No	There is no surplus product, as our's is a captive mining lease whose production is as per the requirement of cement plant.
4.6	Sewage sludge or other sludge from effluent treatment	No	Not Applicable
4.7	Construction or demolition wastes	No	No construction or demolition waste is envisaged, as the project is in operation and no new construction is proposed.
4.8	Redundant machinery or equipment	No	There will be no redundant of machinery or equipment.
4.9	Contaminated soils or other materials	No	There is no contamination of soil or any other materials.
4.10	Agricultural wastes	No	There will not be any agricultural wastes
4.11	Other solid wastes	No	There will not be any other solid wastes

**5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)**

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	Yes	Vehicular emission is kept under control by proper maintenance and by regular monitoring of fuel and oil consumption of Heavy Earth Moving equipments as well as auxiliary equipments. Every



**Proposed Expansion of Limestone Mining Lease (ML Area 740.93 ha) from 3.75 MTPA to 9.10 MTPA**  
At Villages – Bhatkotari, Lasrawan, Phalwa and Rasulpura, Tehsil- Nimbahera, District-Chittorgarh (Rajasthan)

*Form - I / Appendix - I*

			effort is made to minimize emissions.
5.2	Emissions from production processes	Yes	Particulate Matter will be emitted during excavation and is kept below the prescribed limits by adopting suitable mitigating measures. We carry out wet drilling, controlled blasting, and water sprinkling on haul roads and at loading faces.
5.3	Emissions from materials handling including storage or transport	Yes	The loading of blasted material and transportation will emit some amount of pollutants. Proper maintenance of HEMMs will help reduce such emissions. The fugitive emission on haul road is suppressed by water spray.
5.4	Emissions from construction activities including plant and equipment	No	No new construction work will come in the existing mine.
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	Yes	Dust is generated during drilling, blasting excavation and loading. Dust suppression is done by sprinkling of water & wet drilling.
5.6	Emissions from incineration of waste	No	Incineration activity is not involved in the project.
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	There is no burning of waste in open air.
5.8	Emissions from any other sources	No	There will be no emissions from any other sources.

**6. Generation of Noise and Vibration, and Emissions of Light and Heat:**

S. No.	Information / Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	Yes	Noise is generated due to mining activities like drilling, blasting, loading, transportation activity. Noise levels may vary between 65 dB (A) to 75 dB (A) during working hours. Proper noise abatement measures will be taken to keep noise level within the prescribed limit by CPCB. Proper selection of machines and their maintenance leads to less noise generation. Greenbelt will be developed which provides barrier to propagation of noise outside the area.
6.2	From industrial or similar processes	No	There is not any other industrial process.

**Proposed Expansion of Limestone Mining Lease (ML Area 740.93 ha) from 3.75 MTPA to 9.10 MTPA**  
At Villages – Bhatkotari, Lasrawan, Phalwa and Rasulpura, Tehsil- Nimbahera, District-Chittorgarh (Rajasthan)

*Form - I / Appendix - I*

6.3	From construction or demolition	No	Not applicable, as no construction or demolition is proposed.
6.4	From blasting or piling	Yes	Noise & Vibration will be generated due to blasting. Noise will be minimized by controlled blasting. Plantation all around the mining area serves as noise barrier and minimizes propagation of noise. Workers working in close vicinity of machines will be provided with personal protective equipments, blasting shelters, etc.
6.5	From construction or operational traffic	Yes	There will be some noise due to movement of trucks/dumpers/excavator. Operation of dumpers and other machinery will generate the noise. Noise levels will be vary between 65 dB (A) to 75 dB (A) in working hours. It is an intermittent/slow process. AC cabins have been provided in all the equipments with very less noise inside the cabin.
6.6	From lighting or cooling systems	No	Not envisaged
6.7	From any other sources	No	Not envisaged

**7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:**

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	No	No use/handling of hazardous material takes place except periodical oil change which will handle in closed containers. Spillage of Oil/Grease during maintenance of heavy vehicles is controlled by using collection tray etc. Care is taken during its use for lubrication of equipment, so that nothing falls on ground to contaminate soil. Equipment will kept well maintained to keep them leakage free.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	Zero discharge principle is followed. Waste water from office toilets will be disposed in soak pit via septic tank.
7.3	By deposition of pollutants emitted to air into the land or into water	Yes	Dust is generated by movement of dumpers/dozers, drilling operations, blasting operations, excavation, loading and unloading. There is likely hood of increase of PM conc. (which may affect surrounding land or water).

**Proposed Expansion of Limestone Mining Lease (ML Area 740.93 ha) from 3.75 MTPA to 9.10 MTPA**  
 At Villages – Bhatkotari, Lasrawan, Phalwa and Rasulpura, Tehsil- Nimbahera, District-Chittorgarh (Rajasthan)

*Form - I / Appendix - I*

			Impact referred above is localized, transitory and intermittent in nature, and hence their effect on environment is insignificant.
7.4	From any other sources	No	Not envisaged
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	Impact on air quality is localized, transitory and intermittent in nature. Small quantity of heat generated by diesel engine is dissipated to the atmosphere.  No likely impact on surface water is envisaged.

**8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment**

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances	No	Possibility of accident on account of explosion, spillages, fire or hazardous substances etc is very less. Proper maintenance, operation and leakage proof condition of machinery eliminates possibilities of fire.  All the safety precautions will be taken at explosive magazines.  However fire extinguishers will be provided in near all machines, explosive magazines, workshop, mines office, etc. and all persons are properly trained to quench the fire at source itself. No other major risks will be involved, as mines will be working following provisions of mines act, rules and regulations and under supervision of qualified persons.
8.2	From any other causes	No	Not envisaged.
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	No	No such cases are reported so far and chances are minimal.

**9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality.**

S. No.	Information / Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	<p>Lead to development of supporting utilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.:</p> <ul style="list-style-type: none"> <li>• Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.)</li> <li>• Housing development</li> <li>• Extractive industries</li> <li>• Supply industries</li> <li>• Other</li> </ul>	No	<p>Residential facilities will be provided to the staff in township. There will not be impact on existing housing facilities of surrounding villages. Power supply will be available from Captive power plant. Waste water will be treated in township STP. Proposed production enhancement will result in further growth of the surrounding areas by increased direct and indirect employment opportunities in the region including ancillary development. Local people will be preferred for employment. This will contribute in raising the socio-economic status and standard of living of the nearby villagers.</p> <p>And no adverse effect on environment and supporting infrastructure will be envisaged as the project is established one with its own arrangements. Therefore there will be no negative impact on existing infrastructure of surrounding community.</p>
9.2	Lead to after-use of the site, which could have an impact on the environment	Yes	The after use of site planned would be helpful to the society, owing to better greenery and development of water reservoir supporting the surrounding localities.
9.3	Set a precedent for later developments	Yes	A better after use scenario, which is likely to increase aesthetic beauty of the area in addition to benefit of greenery and water reservoir, would set precedence for subsequent entrepreneurs who venture such projects. The existing mines is already a model mines in the area for its environmental management, safety practice, technological innovations, best practices, achievements in production, productivity and optimum cost in the area.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	A better-planned and executed project has to yield a better result individually; which in turn will give better cumulative effect also, it such happens.

**Proposed Expansion of Limestone Mining Lease (ML Area 740.93 ha) from 3.75 MTPA to 9.10 MTPA**  
At Villages – Bhatkotari, Lasrawan, Phalwa and Rasulpura, Tehsil- Nimbahera, District-Chittorgarh (Rajasthan)

*Form - I / Appendix - I*

**(III) Environmental Sensitivity**

S. No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	Nil	Nil
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	4 Protected Forest and 4 Reserved Fores	Approx 3.0 to 9.0 km from mine site.
		Murliya Dam	~ 2.2 km in NNE direction
		Nimbahera River	~8.0 km in SE direction
		Kadmali River	~ 9.0 km in ESE direction
		Gambhiri Reservoir	~ 9.0 km in ENE direction
		Uncha Talav,	~ 8.0 km in S direction
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	Nil	Nil
4	Inland, coastal, marine or underground waters	Nil	Nil
5	State, National boundaries		
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	Nil	No such routes or facilities is located within the 15 km radius of the mining lease area that is used by the public for access to recreation or other tourist, pilgrim areas
7	Defence installations	Nil	No such area is located within the 15 km radius of the mining lease area.
8	Densely populated or built-up area	Nimbahera Town	~ 5.0 Km in SE direction
9	Areas occupied by sensitive man-made land uses ( <i>hospitals, schools, places of worship, community facilities</i> )	Hospitals in Nimbahera	~ 5.0 Km in SE direction

**Proposed Expansion of Limestone Mining Lease (ML Area 740.93 ha) from 3.75 MTPA to 9.10 MTPA**  
 At Villages – Bhatkotari, Lasrawan, Phalwa and Rasulpura, Tehsil- Nimbahera, District-Chittorgarh (Rajasthan)

*Form - I / Appendix - I*

10	Areas containing important, high quality or scarce resources ( <i>ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals</i> )	Nil	No such area is located within the 15 km radius of the mining lease area.
11	Areas already subjected to pollution or environmental damage. ( <i>Those where existing legal environmental standards are exceeded</i> )	Nil	No such area is located within the 15 km radius of the mining lease area.
12	Areas susceptible to natural hazard which could cause the project to present environmental problems ( <i>earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions</i> )	Nil	No such area is located within the 15 km radius of the mining lease area.

**(IV) Proposed Terms of Reference for EIA studies:**

Environmental Clearance for the Integrated Limestone Mines, Cement plant, Captive Power Plant, DG set has been granted by MoEF, New Delhi vide Letter no.: J-11011/506/2007- 1A II(I) dated 11<sup>th</sup> June, 2008.

\*Amendment in Environmental Clearance regarding change in capacity of CPP & D.G. Set has been obtained from MoEF, New Delhi vide Letter no.: J-11011/506/2007-1A II(I) dated 04<sup>th</sup> January 2011.

Now, the proposal is for capacity enhancement of existing Limestone Mines & Integrated project includes expansion of Cement Plant, Captive Thermal Power Plant (CTPP), DG set and setting up of new Waste Heat Recovery Boiler (WHRB). WCL will conduct Environmental Impact Assessment for the same, as per EIA Notification dated 14.09.2006. Terms of References for EIA Study are as follows

Environmental Baseline Study for One Season will be conducted for Air, Water, Noise and Soil along with details of Flora, Fauna & Socio Economic conditions within the study area. EIA/EMP report will cover all the environmental aspects i.e. Air pollution, Noise pollution, water pollution, land environment and solid waste management etc. in terms of the impacts on the environment due to the proposed activity and the Environmental Management Plan to reduce the impacts. Terms of References for EIA Study are as follows:

1. Introduction
2. Project Description
3. Description of Environment
4. Anticipated Environmental Impacts & Mitigation Measures

5. Environmental Monitoring Programme
6. Additional Studies
7. Project Benefits
8. Environmental Management Plan
9. Summary & Conclusion
10. Disclosure of Consultant engaged

