



UTCL/ KCW/ ENV (MINE-1.5 MTPA)/ MoEF/ 2011-12/ 102

Date: 26/11/2011

To,
The Director (Central Region),
Regional Office, Ministry of Environment & Forest,
Kendriya Bhawan, 5th Floor Sector 'H' ALIGANG,
LUCKNOW -226024 (U.P.)

Sub: - Six monthly Compliance Report (from April, 2011 to September, 2011) of Environment Clearance for 1.5 MTPA Limestone Mining project of M/s UltraTech Cement Ltd. (Formerly known as Grasim Industries Ltd) located in Village(s) Ajeetpura, Bhaislana, Kujota & Mehrampur, Tehsil- Kotputli, Distt- Jaipur (Rajasthan).

Ref: - Environmental Clearance letter no. J-11015/1244/2007-IA.II (M) dated: 06th May, 2010.

Dear Sir,

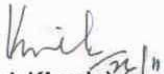
This is regarding to above subjected matter & referred letter; we are submitting herewith the point wise six monthly compliance report (from April, 2011 to September, 2011) of Environment Clearance conditions for our 1.5 MTPA Limestone Mine.

We would like to inform you that the above mining project is not in operation. It is a fresh mining project & awarded LOI from Mine deptt, Govt of Rajasthan. As per LOI conditions, we have submitted all the requisite documents to Mine deptt, Govt of Rajasthan for grant of Mine Lease. & it is still awaited. After getting of Mine Lease, We will apply for consent to Establish & operate for the mining project.

This is for your kind information please.

Thanking you,

Yours faithfully,
For UltraTech Cement Ltd
(Unit- Kotputli Cement Works)


(Vivek Khosla)
Asst. Vice President (Mines)

o/c

Encl: a/a

Copy to:

1. **The Director (Mines),** Ministry of Environment & Forest, Paryavaran Bhawan, GCO,Complex, Lodhi Road, New Delhi- 110 003.
2. **Zonal Officer (Central Zone),** Central Pollution Control Board, 3rd Floor, Sahkar Bhawan, North T.T. Nagar, Bhopal-462003.
3. **Member Secretary,** Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongri, JAIPUR-302004 (Rajasthan).
4. **Regional Officer,** Rajasthan State Pollution Control Board, Opp Road No.5, VKI Area, Sikar Road, Jaipur (Rajasthan).

UltraTech Cement Ltd.

(Unit : Kotputli Cement Works)

FACTORY : Village - Mohanpura, Tehsil - Kotputli, Distt. Jaipur - 303 108, Tel / Fax : 01421 - 288664 / 288665
JAIPUR OFFICE : 505, 5th Floor, Sanghi Upasana Tower, C-98, Subhash Marg, C-Scheme, Jaipur - 302 001, Tel. : 0141 - 2378979/80/81
MUMBAI OFFICE : Ahura Centre, 1st Floor, Mahakali Caves Road, Andheri (E), Mumbai - 400 093, Tel. : 022 - 66917400, Fax : 022 - 28244960 / 70
REGISTERED OFFICE : Ultratech Cement Ltd., 'B' Wing, Second Floor, Ahura Centre, Mahakali Caves Road, Andheri (East), Mumbai - 400 093

COMPLIANCE REPORT

Name of the Project	Limestone Mining Project of M/s UltraTech Cement Ltd located in Village(s) Ajeetpura, Bhaislana, Kujota & Mehrampur, Tehsil-Kotputli, Distt- Jaipur (Rajasthan).
Environmental Clearance Letter No.	J-11015/1244/2007-IA.II (M) dated 06/05/2010
Project Status	Not in Operation. Mining Lease Grant is still awaited from Mine Deptt, Govt of Rajasthan.
Period of Compliance Report	April, 2011 to September, 2011

A. SPECIFIC CONDITIONS :

S.N.	CONDITIONS	COMPLIANCE STATUS
(i)	Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India in Contempt Petition (C) No. 412/2004 in IA No. 833 in Writ Petition (C)No. 202 of 1995, as may be applicable to this project.	Agreed.
(ii)	The environmental clearance is subject to approval of the State Land use Department, Government of Rajasthan for diversion of agricultural land for non-agricultural use	Letter subjected non-requirement of conversion of land falling under mining lease area has been received from the Principal Secretary of Rajasthan government vide their letter no. F.9 (14)Rev./Gr.-6/10 dated 22/02/2010 & copy of the same has been submitted along with EC compliance dated 25/11/2010
(iii)	The project proponent shall obtain Consent to Establish and Consent to Operate from the Rajasthan State Pollution Control Board and effectively implement all the conditions stipulated therein	Agreed. After getting the Mining Lease from Deptt of Mines, Govt of Rajasthan, we will apply for Consent to Establish & Operate.
(iv)	The project proponent shall ensure that no natural watercourse and/or water resources are obstructed due to any mining operations. Adequate measures shall be taken for protection of the 1 st order and 2 nd order streams, if any emanating/ passing through the mine lease during the course of mining operation	Agreed. As such no any natural water course / water streams are within the ML area.
(v)	The top soil shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation	Agreed.
(vi)	The solid waste(over burden and inter burden) generated during the mining operation shall be stacked at earmarked dump site(s) only and should not be kept active for a long period of time and their phase-wise stabilization shall be carried out. There shall be only two dumps; one OB dump and the other waste dump. The maximum height of the OB dump shall be restricted to 20m. The over all slope of the dumps shall not exceed to 28 ^o . Out of the total excavated area of 73.62ha, an area of 24.16 ha shall be backfilled and reclaimed by plantation. Backfilling shall commence from the 8 th year onwards. The waste dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. The project proponent shall incorporate the necessary changes in this regard at the time of obtaining approval of the mining scheme for the next plan period, so that environmental clearance and approved mine plan / mine scheme are mutually consistent.	Agreed.

	Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the Ministry of Environment & Forests and its Regional Office, Lucknow on six monthly basis.	
(vii)	The void left unfilled in an area of 49.46 ha 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 all along the excavated area.	Agreed.
(viii)	Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, solid waste, soil and mineral dumps to arrest flow of silt and sediment directly into the agricultural fields, the Sota River, the Sabi River 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 desilted particularly after the monsoon and maintained properly. Garland drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and solid waste dumps to prevent run off of water and flow of sediments directly into the agricultural fields, the Sota River, the Sabi River and other water bodies and sump capacity should be designed 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 pits should be constructed at the corners of the garland drains and desilted at regular intervals.	Agreed.
(ix)	Dimension of the retaining wall at the toe of the waste dumps and the OB benches within the mine to check run-off and siltation should be based on the rain fall data.	Agreed.
(x)	Plantation shall be raised in an area of 79.84ha including a 7.5m wide green belt in the safety zone around the mining lease, around waste dumps, around water body, 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 plants per ha. Greenbelt shall be developed all along the mine lease area in a phased manner and shall be completed within five year.	Agreed.
(xi)	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 around crushing and screening plant, 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	Agreed.

	the norms prescribed by the Central Pollution Control Board in this regard.	
(xii)	The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.	Agreed.
(xiii)	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and installing new piezometers during the mining operation. 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 sent regularly to the Ministry of Environment and Forests and its Regional Office Lucknow, 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, necessary corrective measures shall be carried out.	Agreed. However, the ground water level and quality monitoring is being already carrying out in the area including our operational limestone mines and cement plant and data of the same are being submitted regularly.
(xiv)	Appropriate mitigative measures shall be taken to prevent pollution of the Sota River and the Sabi River in consultation with the State Pollution Control Board.	Agreed. Sota and Sabi rives are the seasonal rivers & not passing through our mine lease area.
(xv)	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of ground water, required for the project in view of the availability of water, as the area falls in over exploited block.	Agreed. We have already obtained 3190 KLD ground water withdrawal permission from CGWA for our entire project (cement plant, mines and colony) and we will accommodate the water requirement from the existing permission.
(xvi)	Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with the Regional Director, Central Ground Water Board.	Agreed. We have already taken up the rain water harvesting measures in the area & will continue to work towards rain water conservation.
(xvii)	Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.	Agreed.
(xviii)	Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.	Agreed.
(xix)	The project proponent shall take all mitigative measures during the mining operation to ensure that the buildings/ structures in the nearby areas shall not be affected due to blasting.	Agreed,
(xx)	Drills shall either be operated with dust extractors or equipped with water injection system.	Agreed.
(xxi)	Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements.	Agreed.

	These should be properly maintained and operated.	
(xxii)	Sewage treatment plant shall be installed for the colony. ETP shall also be provided for the workshop and wastewater generated during the mining operation	Agreed. We have already provided STP for treatment domestic effluent in our colony.
(xxiii)	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.	Agreed.
(xxiv)	Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring land use pattern and report submitted to MOEF and its regional office.	Agreed.
(xxv)	Land oustees and land losers/affected people should be rehabilitated as per the National Policy on Resettlement and Rehabilitation of project Affected Families (NPRR).	Agreed.
(xxvi)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel 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.	Agreed.
(xxvii)	The critical parameters such as such as RSPM (Particulate matter with size less than 10micron i.e., PM ₁₀), NO _x in the ambient air within the impact zone, peak particle velocity at 300m distance or within the nearest habitation, whichever is closer shall be monitored periodically. Further, quality of discharged water shall also be monitored [(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. The Circular No. J-20012/1/2006-IA.II (M) dated 27.05.2009 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.	Agreed.
(xxviii)	A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.	Agreed.
(xxix)	The project proponent shall undertake sample survey to generate data on pre-project community health status within a radius of 1km from the proposed mine.	Agreed.

B) GENERAL CONDITIONS :		
S.N.	CONDITIONS	COMPLIANCE STATUS
i.	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests.	Agreed.
ii.	No change in the calendar plan including excavation, quantum of mineral limestone and waste should be made.	Agreed.
iii.	Conservation measures for protection of flora and fauna in the core & buffer zone should be drawn up in consultation with the local forest and wildlife department and effectively implemented.	Agreed.
iv.	Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM ₁₀), 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.	Agreed.
v.	Data on ambient air quality RSPM (Particulate matter with size less than 10micron i.e., PM ₁₀), & NOx should be regularly submitted to the Ministry of Environment and Forests including its Regional office located at Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.	Agreed.
vi.	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.	Agreed.
vii.	Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.	Agreed.
viii.	Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.	Agreed.
ix.	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Agreed.
x.	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	Already established.
xi.	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow.	Agreed.

xii.	The project authorities should inform to the Regional Office located at Lucknow regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Agreed.
xiii.	The Regional Office of this Ministry located at Lucknow shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.	Agreed.
xiv.	The project proponent shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Lucknow, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board.	Agreed.
xv.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	A copy of the environmental clearance letter handed over to the "Sarpanch, Gram Panchayat" on dated 28/05/2010. Compliance status has been already informed to MoEF vide our office letter no. SCL/KCW/MoEF/2010-11/195 dated 02/06/2010. The Environment clearance is also putted on our company website.
xvi.	The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.	Its Boards jurisdiction.
xvii.	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.	Agreed.
xviii.	The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment and Forests at http://envfor.nic.in and a copy of the same should be forwarded to the Regional Office of this Ministry located at Lucknow.	We have advertised in two local news papers namely "Dainik Bhaskar and Dainink Navjyoti on 30/05/2010 and 29/05/2010. The copy of the new paper cutting has already been submitted to MoEF vide our office letter no. SCL/KCW/MoEF/2010-11/195 dated 02/06/2010.