ADITYA BIRLA

UltraTech

UTCL/ KCW/ ENV (MINE-6.0 MTPA) / MoEF/ 2011-12/ /01 Date: 26/11/2011

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

Sub: - Six monthly Compliance Report (from April, 2011 to September, 2011) of Environment for 6.0 MTPA Mohanpura-Jodhpura Limestone Mining Project (ML Area – 548.78 Hect.) of M/s UltraTech Cement Ltd (Formerly known as M/s Grasim Industries Ltd) located near village(s) Mohanpura-Jodhpura, Tehsil- Kotputli, Distt- Jaipur (Rajasthan).

Ref: - 1) EC letter no. J-11015/350/2008-IA-II (M), dated 30th April, 2010.
2) MoEF Letter No. IV/ENV/R/IND-46/380/2005/1041 dated 07/09/2011.

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 6.0 MTPA Limestone Mine.

We would like to inform you that EC has been granted for expansion of the limestone mine production from 4.0 MTPA to 6.0 MTPA vide letter no. J-11015/350/2008-IA-II (M), dated 30/04/2010. We have obtained all the required statutory clearance from RSPCB for the project regarding establishment & Operation.

We are already complying with the requirement of MoEF circular no. J-20012/1/2006-1A.II (M) dared 27.05.2009 regarding monitoring of key environmental parameters in mining projects. We have provided display board for the monitored as well as the physical data of our mines in public domain at mines office gate & & such data's are also uploaded on the company website & being updated regularly.

This is for your kind information please.

Thanking you,

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

26/11

(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, Ist 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	**:**	**Mohanpura-Jodhpura Limestone Mine (ML Area – 548.78 Hect) of M/s UltraTech Cement Ltd (Formerly known as M/s Grasim Industries Ltd) located near Village(s) Mohanpura-Jodhpura, Tehsil- Kotputli, Distt-Jaipur – 303 108 (Rajasthan).**
Environmental Clearance Letter No.	**:**	**J-11015/350/2008-IA.II (M) dated 30/04/2010. For Limestone Mine (6.0 MTPA limestone production)**
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.	A 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 25/05/2011.
(iii)	The project proponent shall obtain Consent to Establish and Consent to Operate from the Rajasthan State Pollution Control Board and effectively implant all the conditions stipulated therein.	Consent to Establish & Operate has been obtained from RSPCB for 6.0 MTPA Limestone production and complying with the stipulated conditions.
(iv)	The project proponent shall ensure that no natural water course and/or water resources are obstructed due to any mining operations. Adequate measures shall be taken for protection of the 1st order and 2nd order streams 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.	Top soil is being stacked separately at designated location and also raising plantation.
(vi)	The solid waste (over burden and inter burden) generated during the mining operation shall be temporarily 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 three waste dumps. The maximum height of the dump shall not exceed 30m having three stages of 10m each and the over all slope shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. 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.	The solid waste (over burden and inter burden) generated during the mining operation is being stacked at designated place within the lease area and being maintained scientifically as per the approved mining plan. Three no. of terraces (with height of 10m each) will be maintained and the overall slope of the dump will be provided as 28°. The OB dumps will be scientifically vegetated with suitable dust capturing & strong rooted species to prevent erosion and surface run off. Proper care & maintenance of the saplings will be done until the vegetation becomes self sustaining. Compliance Status is being submitted to Ministry of Environment & Forests on regular basis in every six months.

<table>
<tr><td>(vii)</td><td>The entire excavated area of 133.90 hac left as void 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.</td><td>Agreed. Presently mining pit is under initial stage. The same will be care & maintained during the progress of benches towards ultimate pit limit.</td></tr>
<tr><td>(viii)</td><td>Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, soil waste, soil and mineral dumps to arrest flow of silt and sediment directly into the agricultural fields, the Sota 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 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.</td><td>Presently waste dumping is under progress at designated place. The catch drains and siltation ponds are constructed around the existing waste dumps & working pit to arrest silt and sediments. The water collected in siltation ponds is utilized for ground water recharging. A garland drain is constructed around active mine pit and at the toe of waste dump & channelised to siltation pond.</td></tr>
<tr><td>(ix)</td><td>Dimension of the retaining wall at the toe of the solid waste dump and the OB benches within the mine to check run-off and siltation should be based on the rain fall data.</td><td>Appropriate retaining wall have constructed around the existing OB dump to check run-off and siltation.</td></tr>
<tr><td>(x)</td><td>Plantation shall be raised in an area of 166ha including a 7.5m wide green belt in the safety zone around the mining lease, around waste dump, 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 competed with in one year.</td><td>Plantation is being carried out along the lease boundary, OB dump, along with roads and mine office as per the approved mining plan.

Green belt development is our ongoing programme. We are Planting the native plant species recommended by Range Forest Officer, Kotputli. The phased wise plantation programme has been already submitted.

The Green Belt development details are as given below :

<table>
<tr><th>Year</th><th>No. of Sapling planted</th><th>No. of Sapling survived</th><th>Area Covered (In Hect.)</th></tr>
<tr><td>2007-08</td><td>1260</td><td>1200</td><td>2.35</td></tr>
<tr><td>2008-09</td><td>1890</td><td>1800</td><td>3.82</td></tr>
<tr><td>2009-10</td><td>4850</td><td>4344</td><td>9.27</td></tr>
<tr><td>2010-11</td><td>9255</td><td>8789</td><td>21.91</td></tr>
<tr><td>2011-12</td><td>7967</td><td>7506</td><td>18.23</td></tr>
<tr><td>Total</td><td>25222</td><td>23639</td><td>55.58</td></tr>
</table>
</td></tr>
<tr><td>(xi)</td><td>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</td><td>We have employed water tankers fitted with water sprinkling arrangement for dust suppression at mines haul roads, operating face, loading point etc. Dust extractor cum wet drilling is being practiced for the</td></tr>
</table>

	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 the norms prescribed by the Central Pollution Control Board in this regard.	control of fugitive emission. Water sprinkling system provided at limestone crushing plant. Bag house & Bag filters provided at limestone crushing plant and all transfer points for the control of dust emission. The Ambient Air Quality parameters are well within the norms.
(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.	We have implemented the suitable conservation measures for augmentation of the ground water resources at mines by constructing following artificial recharge structures: • One recharge reservoir of 1.0 Lac Cum capacity constructed at the mine foot hill near crusher towards north east direction and another two pond of capacity 40000 Cum each towards south-west direction of mine. • Diversion channels, drains, injection well with desilting and filter pit.
(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.	Periodic monitoring of ground water level and quality are being carried out in & around the area by establishing a network of existing wells and installing new piezometers. The data of ground water level & quality are being submitted regularly to the CGWA, CGWB & MoEF & SPCB.
(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.	The area falls under scarcity of rain fall and as such no any water streams originating from our limestone mine to Sota & Sabi River. However, we have channelised the storm water and constructed garland drains at the toe of waste sump yard for de-silting and ground water recharging purposes. Hence there is no pollution in Sota & Sabi River due to our mining activities.
(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.	We have obtained the renewed permission from CGWA vide letter no No. 21-4(11)/WR/ CGWA /2005-1064 dated 12/08/2011 for withdrawal of 3190 KLD ground water for our plant, colony & mining projects.
(xvi)	Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with the Regional Director, Central Ground Water Board.	The suitable Rain Water Harvesting measures have been developed in our mines, plant & colony area. Entire buildings have been covered under rooftop rain water harvesting and all the drain diverted to the recharging reservoirs, injection well and open wells. In mine, we have constructed three recharging reservoirs.
(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 within the mine shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.	We have provided the full fledged workshop for regular maintenance of all HEMM used at mine. We are monitoring the vehicular emission of HEMM at regular intervals for ensuring emission within the safe limit. Vehicles are not being overloaded.

(xviii)	Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.	Blasting operation is being carried out during day time i.e. from 2 pm to 4 pm. Controlled blasting is being practiced to control ground vibrations with in the safe limits. Proper measures are taken to arrest fly rocks and boulders.
(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.	Proper mitigative measures are being taken to control the ground vibration. Ground vibration is being monitored regularly to check the vibration limit during blasting.
(xx)	Drills shall either be operated with dust extractors or equipped with water injection system.	Dust extractor and wet drilling arrangements have been provided in all drill machines for dust suppression during drilling operation.
(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. These should be properly maintained and operated.	We have employed water tankers at mine haul roads and water sprinkling system at limestone crushing plant for minimization of dust suppression. Bag house provided at limestone crushing plant and bag filters provided at material transfer points for the control of dust emission.
(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.	Sewage treatment plant provided for the treatment of domestic effluent at colony. Treated water from STP is being utilized for plantation / horticulture related activities. Oil & grease trap tank have been provide at mines work shop. The waste water is being re-utilized for washing of the mines machineries and re-circulation system provided for waste water with oil & grease separation trap. There is no waste water generation due to mining activities. We are maintaining zero discharge of waste water from mine premises.
(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.	Pre-placement medical examination and periodical medical examination of the workers engaged in the project is being carried out as per the prescribed schedule and records are maintained properly.
(xxiv)	Digital processing of the entire lease area using remote sensing technique shall be done regularly once in three years for monitoring land use pattern and report submitted to the MoEF and its Regional Office.	The digital processing of the entire lease area using remote sensing technique for monitoring of land use pattern has been carried out for the current period. The report has been submitted vide our letter no. GCLMK/MoEF/ Land Use/338 on 27/9/2011.
(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), 2003.	Land oustees and land losers/affected people have been rehabilitated & compensated as per the guidelines.
(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.	Provided.

(xxvii)	The critical parameters such as RSPM (Particulate mater with size less than 10 micron i.e. PM10), NOx 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.	We are complying with the requirement of MoEF circular no. J-20012/1/2006-1A.II (M) dated 27.05.2009 regarding monitoring of key environmental parameters in mining projects. We are Monitoring the ambient air quality in core as well as buffer zone for SPM, $PM_{2.5}$, RSPM (PM_{10}), SO_2 and NO_x etc. Peak particle velocity at 300m distance or within the nearest habitation, is being monitored almost daily. There is no any waste water generation due to mining activities. Mine workshop waste water is being re-utilized for washing the mines machineries after separation/ trap of the oil & grease in the separation tank. We are maintaining zero discharge of waste water from mine premises. We have provided display board for the monitored as well as the physical data of our mines in public domain at mines office gate & such data's are also uploaded on the company website & being updated regularly.
(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.	Final Mine Closure Plan will be submitted to MoEF, five years in advance for approval.

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.	Complying with accordingly. EC Obtained from MoEF, New Delhi for expansion of Limestone production capacity from 4.0 MTPA to 6.0 MTPA.
(ii)	No change in the calendar plan including excavation, quantum of mineral limestone (minor mineral) and waste should be made.	No change in the calendar plan will be made including excavation, quantum of limestone and waste without prior approval from MoEF.
(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.	There are no endangered flora & fauna observed in core & buffer zone.
(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 10 micron i.e., PM10), 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.	Ambient Air Quality Monitoring is being carried out in core zone as well as buffer zone at locations decided in consultation with the RO-RSPCB. The frequency of Ambient Air monitoring parameters undertaken as per the MoEF circular no. J-20012/1/2006-1A.II (M) dated 27.05.2009.

<table>
<tr>
<td>(v)</td>
<td>Data on ambient air quality RSPM (Particulate matter with size less than 10 micron i.e., PM10), & 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.</td>
<td>Data on ambient air quality is being submitted regularly at MoEF, CPCB and RSPCB offices.

The Ambient Air Quality monitoring data (Core zone as well as Buffer zone) for the period from April, 2011 to Sept, 2011 are as given below :

<table>
<tr><th colspan="2" rowspan="2">Location →
 Parameters ↓</th><th colspan="4">Core Zone</th></tr>
<tr><th>Near Mines Office</th><th>Near Limestone Crusher</th><th>Near Mines Haul Road</th><th>Near Mines Face</th></tr>
<tr><th colspan="2"></th><th colspan="4">All Values are in µg/m^3</th></tr>
<tr><td rowspan="3">PM_{10}</td><td>Min.</td><td>31.2</td><td>37.7</td><td>36.9</td><td>43.8</td></tr>
<tr><td>Max.</td><td>60.8</td><td>74.3</td><td>70.7</td><td>76.2</td></tr>
<tr><td>Avg.</td><td>45.9</td><td>56.0</td><td>50.4</td><td>59.0</td></tr>
<tr><td rowspan="3">$PM_{2.5}$</td><td>Min.</td><td>18.7</td><td>26.3</td><td>26.2</td><td>31.3</td></tr>
<tr><td>Max.</td><td>33.5</td><td>44.0</td><td>40.8</td><td>46.6</td></tr>
<tr><td>Avg.</td><td>26.2</td><td>34.8</td><td>31.5</td><td>37.5</td></tr>
<tr><td rowspan="3">SO_2</td><td>Min.</td><td>8.5</td><td>10.6</td><td>9.8</td><td>8.6</td></tr>
<tr><td>Max.</td><td>12.2</td><td>16.8</td><td>20.2</td><td>18.4</td></tr>
<tr><td>Avg.</td><td>9.5</td><td>14.0</td><td>14.1</td><td>13.5</td></tr>
<tr><td rowspan="3">NO_2</td><td>Min.</td><td>10.4</td><td>13.0</td><td>12.0</td><td>10.7</td></tr>
<tr><td>Max.</td><td>14.0</td><td>19.2</td><td>22.8</td><td>20.6</td></tr>
<tr><td>Avg.</td><td>11.5</td><td>16.4</td><td>16.3</td><td>15.3</td></tr>
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<table>
<tr><th colspan="2" rowspan="2">Location →
 Parameters ↓</th><th colspan="4">Buffer Zone</th></tr>
<tr><th>Near village Jodhpura</th><th>Near village Kansli</th><th>Near village Gordh-anpura</th><th>Near village Ajitpura</th></tr>
<tr><th colspan="2"></th><th colspan="4">All Values are in µg/m^3</th></tr>
<tr><td rowspan="3">PM_{10}</td><td>Min.</td><td>31.1</td><td>30.2</td><td>32.3</td><td>30.9</td></tr>
<tr><td>Max.</td><td>53.3</td><td>50.9</td><td>55.9</td><td>60.6</td></tr>
<tr><td>Avg.</td><td>42.9</td><td>42.3</td><td>44.8</td><td>41.7</td></tr>
<tr><td rowspan="3">$PM_{2.5}$</td><td>Min.</td><td>20.9</td><td>21.0</td><td>22.3</td><td>20.6</td></tr>
<tr><td>Max.</td><td>29.4</td><td>30.2</td><td>32.5</td><td>35.3</td></tr>
<tr><td>Avg.</td><td>25.7</td><td>25.8</td><td>27.4</td><td>25.7</td></tr>
<tr><td rowspan="3">SO_2</td><td>Min.</td><td>7.6</td><td>7.2</td><td>7.7</td><td>5.8</td></tr>
<tr><td>Max.</td><td>9.6</td><td>9.0</td><td>10.5</td><td>8.5</td></tr>
<tr><td>Avg.</td><td>8.7</td><td>8.1</td><td>9.0</td><td>7.1</td></tr>
<tr><td rowspan="3">NO_2</td><td>Min.</td><td>9.7</td><td>9.6</td><td>9.5</td><td>7.2</td></tr>
<tr><td>Max.</td><td>11.7</td><td>11.3</td><td>13.1</td><td>10.6</td></tr>
<tr><td>Avg.</td><td>10.7</td><td>10.3</td><td>11.1</td><td>9.0</td></tr>
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<tr>
<td>(vi)</td>
<td>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.</td>
<td>We have employed water tankers fitted with water sprinkling arrangement for dust suppression at mines haul roads and loading points etc. All drill machines are equipped with dust extractor & wet drilling system to control the dust emission. Water sprinkling system has been provided at limestone crusher hopper. Bag house & Bag filters has been provided at limestone crusher and material transfer points for the control of dust emission & being maintained properly.</td>
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<tr><td>(vii)</td><td>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.</td><td>Measures have been taken to control noise levels below the prescribed limit within the work environment. Noise proof operator cabinet provided in all the HEMM. In adition ear plugs / muffs are provided to the workers engaged in mining activities.

The Ambient Noise Level monitoring data (Core Zone as well as Buffer Zone) for the period from April, 2011 to Sept, 2011 are as given below:

<table>
<tr><th colspan="2" rowspan="2">Monitoring Locations</th><th colspan="2">Average Noise Level (dB (A) Leq)</th></tr>
<tr><th>Day Time</th><th>Night Time</th></tr>
<tr><td rowspan="4">Core Zone</td><td>1) Near Mines Office</td><td>55.9</td><td>44.6</td></tr>
<tr><td>2) Near Limestone Crusher</td><td>63.3</td><td>49.5</td></tr>
<tr><td>3) Near Mines Haul Road</td><td>64.8</td><td>50.2</td></tr>
<tr><td>4) Near Mines Face</td><td>68.3</td><td>46.0</td></tr>
<tr><td rowspan="4">Buffer Zone</td><td>5) Near vill-Jodhpura</td><td>50.2</td><td>39.2</td></tr>
<tr><td>6) Near vill-Kansli</td><td>46.5</td><td>38.7</td></tr>
<tr><td>7) Near vill- Gordhanpura</td><td>51.5</td><td>38.6</td></tr>
<tr><td>8) Near vill- Ajitpura</td><td>44.9</td><td>37.1</td></tr>
</table>
</td></tr>
<tr><td>(viii)</td><td>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 should be installed before discharge of workshop effluents.</td><td>There is no waste water generation due to mining activities. Waste water from mine workshop is being reused for washing the mines machineries after separation/trap of the oil & grease in the separation tank. We are maintaining zero discharge of waste water from mine premises.</td></tr>
<tr><td>(ix)</td><td>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.</td><td>Protective respiratory devices have been provided to mine personnel. Training and information on safety and health aspects is being given time to time. Occupational health surveillance of the workers is being carried out periodically. No occupation ailment has been observed so far.</td></tr>
<tr><td>(x)</td><td>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.</td><td>A full-fledged separate environmental management cell with suitable qualified personnel has been set-up under the control of a Senior Executive.</td></tr>
<tr><td>(xi)</td><td>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.</td><td>We are taking utmost care for the over all environmental protection measures. We have spent Rs. 106.86 Lacs during year 2010-11 for the environmental protection measures i.e. green belt development, air pollution control rain water harvesting, environmental monitoring/ measurement, occupational health and CSR activities etc.</td></tr>
<tr><td>(xii)</td><td>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.</td><td>Mining operation has been commenced from 1.11.2007.</td></tr>
<tr><td>(xiii)</td><td>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.</td><td>Agreed. We have already provided the requisite informations/details as desired during the last time visit vide our office letter no. KCW/Mine/MoEF/2010-11/206 dated 06/07/2010.</td></tr>
<tr><td>(xiv)</td><td>The project proponent shall submit six monthly report on the status of compliance of the stipulated EC conditions including results of monitored data(both in hard copies as well as</td><td>The six monthly compliance report along with monitoring data is being submitted regularly to MoEF, CPCB and RSPCB once in every six month (both in hard copies as well as by e-mail). It is been also putted on our company</td></tr>
</table>

	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 project proponent shall upload the status of compliance of the EC conditions, including the 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 Forest, Lucknow, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board.	website along monitored data & being updated regularly. The previous six monthly compliance report submitted to MoEF, CPCB and RSPCB with all requisite information's / details vide our office letter no. UTCL/KCW/MINE/MoEF/2011-12/ 305 dated 25/05/2011.
(xv)	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad /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 web site of the company by the proponent.	A copy of the environmental clearance letter handed over to the "Sarpanch, Gram Panchayat- Mohanpura" on dated 07/05/2010. 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.	Under RSPCB jurisdiction.
(xvii)	The environmental statement for each financial year ending 31st 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 Forest, Lucknow by e-mail.	The Environmental Statement report for the financial year 2010-11 has been submitted to the RSPCB vide our letter no. UTCL/ENV/KOT/ Env. Statement/2011-12/337 dated 22/09/2011 & it is been also putted on our company website along with EC compliance & monitored data. Environment statement & EC compliance has been sent out to the regional office of the Ministry of Environment and Forest, Lucknow by e-mail.
(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.	EC letter has been advertised in two local news papers namely "Dainik Navjyoti & Mahka Baharat" dated 07/05/2010, that the project has been accorded the Environmental Clearance by the Ministry of Environment and Forest, Govt. of India. The copy of the same has been already submitted.