

**Ambuja  
Cement**

REGD. A/D

ACL/EMD/F-16/2019/2044

25.11.2019

✓ **Director,**  
Ministry of Environment & Forest (MoEF),  
Regional Office, Western Region, "Kendriya Paryavaran Bhavan"  
Link Road No.3, Ravi Shankar Nagar,  
Bhopal – 462016, (M.P.)

**Sub.:** Half Yearly Compliance Report of Environmental Clearance of **RKBA** Limestone Mines.

**Ref.:** Environmental Clearance Order No. J-11015/221/2008-IA.II (M) dated 04.03.11

Sir,

We are pleased to submit herewith half yearly compliance status report (i.e. for the period of **April'19 to Sep'19**) of Environmental Clearance Order No. J11015/221/2008-IA. II(M) dated 04.03.2011 granted by MoEF to Rampara, Kukaras, Bhetali & Anandapara (**RKBA**) Limestone Mines, located at village – Rampara, Kukras, Bhetali, Anandapara, Taluka – Veraval & Sutrapada, District – Gir Somnath (Gujarat). We are also enclosing here with CD containing soft copy of the same.

Thanking you,

Yours Faithfully,  
For Ambuja Cements Ltd.



**Anand Prakash**  
Head-Environment

Encl.: As above.

Copy to:

- 1.) Central Pollution Control Board (**CPCB**) Privesh Bhavan, Atmajyoti Ashram Rd, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara – 390023 (Gujarat)
- 2.) Member Secretary, Gujarat Pollution Control Board (**GPCB**), Paryavaran Bhavan, Sector-10-A, Gandhinagar-382010.
3. Regional Officer, Gujarat Pollution Control Board (**GPCB**), Opp. Saint Anne's Church Station Road, Junagadh

Regd. Office :  
PO : Ambujanagar - 362 715, Tal : Kodinar,  
Dist. : Gir Somnath (Gujarat)  
Phone : (02795) 221137, 232009,  
Fax : (02795) 220328, 232032

**Ambuja Cements Limited**  
(Unit : Ambujanagar)  
CIN No. : L26942GJ1981PLC004717  
www.ambujacement.com

Corporate Office :  
Elegant Business Park,  
MIDC Cross Road 'E'  
Off Andheri - Kurla Road, Andheri (E)  
Mumbai - 400 059. Phone : (022) 4086700

**Compliance Status of Environment Clearance issued to RKBA Limestone Mines  
Vide MoEF Letter No: J-11015/221/2008-IA-II (M) dated 04.03.2011**

**MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS**

Ministry of Environment & Forests  
Regional Office (W), Bhopal  
Monitoring Report  
Part-I

**DATA SHEET**

Date: 25.11.2019

<b>01</b>	<b>Project type:</b>  River valley/ Mining/Industry/ Thermal/ Nuclear/ other specify	:	Mining  Open Cast (Limestone)
<b>02</b>	<b>Name of the project</b>	:	Rampara-Kukras- Bhetali and Anandpara Limestone Mining Project
<b>03</b>	<b>Clearance letter(s) / OM no. and date</b>	:	J-11015/221/2008-IA.II (M),  Dated 04.03.2011
<b>04</b>	<b>Location</b>	:	
	a) District(s)	:	Gir Somnath
	b) State(s)	:	Gujarat
	c) Latitude	:	20° 56' - 20° 58' N
	d) Longitude	:	70° 31' – 70° 34' E
<b>05</b>	<b>Address for correspondence</b>	:	
	a) Address of concerned Project Chief Engineer (with pin code & telephone / telex / fax numbers).	:	Sh. Arun Kumar Sharma Sr. Vice President ( Mines ), : Ambuja Cements Ltd : PO :Ambujanagar , Taluka - Kodinar District : Gir Somnath (Gujarat) Pin. : 362715 Tel: 02795-237011 Fax: 02795 - 220328/232032
	b) Address of Executive Project Engineer /	:	Sh. Mukesh Kumar

**Compliance Status of Environment Clearance issued to RKBA Limestone Mines**  
**Vide MoEF Letter No: J-11015/221/2008-IA-II (M) dated 04.03.2011**

	Manager (with pincode / fax numbers.	Manager (Mines) Ambuja Cements Ltd. PO Ambujanagar-362715, Taluka - Kodinar, District – Gir Somnath Tel: 02795-232064 Fax: 02795 - 220328/232032
06	<b>Salient features</b>	
	a) of the project :	: Ambuja Cements Ltd. has established cement manufacturing plant at Ambujanagar in Kodinar Taluka of Gir Somnath District. Limestone is the main raw materials for the cement plants, which is being exploited from company's own captive mines i.e. Rampara, Kukras, Bhetali & Anandpara Limestone Mine. RKBA is located at a distance of about 30 kms in NW direction with respect to cement plant. The rated capacity of the limestone at present is 2.0 MTPA.
	of the environmental management plans	: <ul style="list-style-type: none"> <li>❖ Mining operations would not involve drilling &amp; blasting. Limestone excavation is being carried out by environment friendly Surface Miner supported by ripper dozer.</li> <li>❖ Regular monitoring of environmental parameters is undertaken as per the norms of MoEF and IBM and same will be followed.</li> <li>❖ Preventive maintenance of deployed HEMM is being undertaken regularly and same will be continued.</li> <li>❖ Dust suppression by water sprinkling on haul roads is being done regularly in working area and same will be continued.</li> <li>❖ Afforestation / Green belt development is being carried out concurrently along haul road, lease periphery and matured area as well as outside lease also (i.e. surrounding Mines office)</li> <li>❖ Mined-out areas will be converted to pasture land &amp; into water reservoir.</li> </ul> Rural Development and Socio-economic activities will be undertaken in the project buffer zone area.
07	<b>Break up of the project area.</b>	
	a) Submergence area (forest & non-forest)	: Nil
	b) Others	: 310.3290 ha (Government waste land, Gauchar land & Private land)

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08	<b>Break up of the project affected population</b> with enumeration of those losing houses / dwelling units only agricultural land only, both dwelling units & agricultural land & landless laborers/ artisan.	:	Project does not require any rehabilitation or evacuation of permanent settlements as 87% of land is in our possession.
	a) SC, ST / Adivasis	:	Not applicable
	b) Others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures if a survey is carried out give details & year of survey)	:	Not applicable
09	<b>Financial details</b>	:	Project Cost: Rs. 900 Lakhs  Limestone raised from the mining lease area will partially supplement the requirements of existing cement units. As it is a captive mine for the Cement Plant, no separate project costing was prepared.
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference.	:	
	b) Allocation made for environmental management plans with item wise and year wise break-up.	:	Capital investment for environment protection measures - 57.08 Lakhs
	c) Benefit cost (BC) ratio / Internal rate of return (IRR) and the year of assessment.	:	No separate assessment made, as it is an integral part of the raw material source for the cement plants at Ambujanagar.
	d) Whether (c) includes the cost of environmental management as shown in the above.	:	Not Applicable
	e) Actual expenditure incurred on the project so far.	:	Rs. 11.59 Crores

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	f) Actual expenditure incurred on the environmental management plans so far.	:	Rs. 7.78Crores
<b>10</b>	<b>Forest land requirement.</b>	:	
	a) The status of approval for diversion of forest land for non-forestry use	:	The project area does not comprise of any forest land. Not applicable
	b) The status of clearing felling	:	Not applicable.
	c) The status of compensatory afforestation (CA), if any	:	Not applicable.
	d) Comments on the viability & sustainability of CA (compensatory afforestation) programme in the light of actual field experience so far.	:	Not applicable.
<b>11</b>	<b>The status of clear felling in non-forest areas</b> (such as submergence area or reservoir, approach roads), if any with quantitative information required.	:	The project does not involve felling of trees.
<b>12</b>	<b>Status of construction</b> (Actual & or planned)		
	a) Date of commencement (Actual and / or planned)	:	
	b) Date of completion (Actual and / or planned).	:	Not applicable. As it is an ongoing captive mining Project for cement plant. (Mines life is approximate 8 to 10 years based on reserves)
<b>13</b>	Reasons for the delay if the project is yet to start.	:	Not applicable.
<b>14</b>	Dates of site visits	:	
	a) The dates on which the project was monitored by the Regional Office on	:	12.10.10 to 13.10.10 by Dr. A. Mehrotra Regional Office, Bhopal

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	previous occasions, if any.		
	b) Date of site visit for this monitoring report	:	12.10.10 to 13.10.10
15	Details of correspondence with project authorities for obtaining action plans / information on status of compliance to safeguards other than the routine letters for logistic support for site visits).	:	Half yearly compliance status report is being regularly submitted and last submission was on  <b>30.05.2018 vide letter No . ACL/EMD/F-16/2019/1062</b>

S No.	Condition	Compliance Status
<b>(A). Specific Conditions :</b>		
I	The project proponent shall obtain Consent to Establish and Consent to Operate from the Gujarat Pollution Control Board and effectively implement all the conditions stipulated therein.	<ul style="list-style-type: none"> <li>Consent to establish &amp; Consent to operate has already been obtained from Gujarat Pollution Control Board vide letter no. GPCB/ID17276/CTE/CCA-JNG/30(2)/71073 dated 28 January 2011 &amp; letter no. GPCB/CCA-JNG-(30)3/ID-17276/87008 dated 19.07.2011 respectively. All the conditions stipulated therein are being effectively implemented. Copy of Consent to establish &amp; Consent to operate has been submitted to MoEF vide our submission dated 30.12.2011 vide letter no.ACL/EMD/F-16/2011/62788.</li> </ul>
II	The environmental clearance is subject to approval of the State Land use Department, Government of Gujarat for diversion of agricultural land for non-agricultural use.	<ul style="list-style-type: none"> <li>Necessary approval is being obtained from State Land use Department, Government of Gujarat for diversion of agricultural land for non-agricultural use. Details of land converted in to non-agriculture land has been already submitted to MoEF vide our letter no. ACL/EMD/F-16/2011/136/59025 dated 28.06.2011</li> </ul>
III	Necessary prior permission from the Competent Authority as may be applicable for use of grazing land for mining purpose shall be obtained,	<ul style="list-style-type: none"> <li>Necessary prior permission as applicable has already been obtained from the Competent Authority. Village Panchayat has already given resolution for grazing land. Whereas Industries &amp; Mines dept. Govt. of Gujarat has also granted Mines Lease Order. Copy of Lease Grant Order has been already submitted to MoEF vide our</li> </ul>

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		submission dated 30.12.2011 vide letter no.ACL/EMD/F-16/2011/62788
IV	The project proponent shall develop fodder plots in the non-mineralized area in lieu of use of grazing land.	<ul style="list-style-type: none"> <li>Point noted and is being complied. After mining limestone in the mineralized area, part of mined out area is being converted in to pasture land/grazing land. Till Sep'19 41.9738 Ha. Area has been converted in to pasture land.</li> </ul>
V	The project proponent shall ensure that no natural watercourse and/or water resources shall be obstructed due to any mining operations. The first order streams and the seasonal nallahs, if any originating from the mining lease area shall be protected.	<ul style="list-style-type: none"> <li>Natural watercourse and/or water resources is not being obstructed due to any mining operations.</li> <li>No natural water course, first order streams and the seasonal nallahs are passing within the mine premises.</li> </ul>
VI	The mining operations shall be so carried out by adjusting the working schedule in different seasons in such a manner, that the working will be restricted to above water table without resorting to any pumping of groundwater. In case of working below the ground water table, prior approval of the Ministry of Environment and Forests and the Central Ground Water Authority shall be obtained, for which a detailed hydro-geological study shall be carried out.	<ul style="list-style-type: none"> <li>Point noted and Mining is being carried out above ground water table.</li> </ul>
VII	The proponent shall carry out long term studies on salinity and water levels in and around existing mining areas and the new proposed sites and submit report to this Ministry and Central Ground Water Authority within a period of 6 months.	<ul style="list-style-type: none"> <li>Ground Water &amp; Mineral Investigation Consultancy Centre Pvt. Ltd. (GWMICC), Jaipur has been engaged for the monitoring of ground water quality &amp; Impact of limestone mining and salinity ingress status around RKBA Limestone Mines and around ACL Plants and Mines in Gir Somnath District. A report on the same has been already submitted to MoEF vide our submission dated 21.05.11 vide letter no. ACL/EMD/F-16/2011 &amp; also on 28.06.2011 vide letter no. ACL/EMD/F-16/2011/136/59025.</li> </ul>
VIII	The top soil shall be concurrently used for mine reclamation, plantation and green belt development.	<ul style="list-style-type: none"> <li>Point noted and being complied. Top soil concurrently used for developing the Pasture land. The top soil being stacked separately in the ear marked site with appropriate measures. Top Soil is stored systematically. Road side</li> </ul>

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		bunds are made from poor grade material and Top soil is used in order to improve growth of planted species and to increase survival rate. Top Soil Generated is 3200 m <sup>3</sup>															
IX	Out of the total excavated area of 268.22ha, an area of 270.47ha shall be converted into pasture land/demo farm/plantation. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forest and its regional office located at Bhopal on six monthly basis.	<ul style="list-style-type: none"><li>Details of greenbelt/reclamation are enclosed as (a) &amp; (b). Compliance status is being submitted to the Ministry of Environment &amp; Forest and its regional office located at Bhopal on six monthly basis last communication dated 30.05.2019 vide letter No . ACL/EMD/F-16/2019/1062.</li><li>Plantation Done From April-19 to Sep 19 is 1793</li></ul>															
(a)	<table><tr><th colspan="5">RKBA MINES Greenbelt &amp; Plantation Details till Sep 2019</th></tr><tr><th>Total Lease Area (in ha)</th><th>Opened up Area (in Ha)</th><th>Plantation From Apr-Sep-19</th><th>Pasture land (in Ha)</th><th>Water Body (in Ha)</th></tr><tr><td>310.3290</td><td>192.55 H</td><td>1793</td><td>41.9738</td><td>43.1142</td></tr></table>		RKBA MINES Greenbelt & Plantation Details till Sep 2019					Total Lease Area (in ha)	Opened up Area (in Ha)	Plantation From Apr-Sep-19	Pasture land (in Ha)	Water Body (in Ha)	310.3290	192.55 H	1793	41.9738	43.1142
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(b)	<div><div></div><div><p>2) Developed pasture land photographs- Pit No- 13</p></div><div></div></div>																



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X	<p>The void left unfilled in an area of 9.6ha 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.</p>	<ul style="list-style-type: none"> <li>• Total Open mine area is 192.55 Ha</li> <li>• On higher benches, plantation has been done and slope of higher benches will be made gentler as the mining progress.</li> <li>• Peripheral fencing work is going on along the excavated area. Total 4829 meter brick wall, 25694 meter barbed wire and 25079 meter earthen bund fencing has been done.</li> </ul>
		
I	<p>Catch drains and siltation ponds of appropriate size shall be constructed around the working pit and temporary soil and mineral dump(s) to arrest flow of silt and sediment directly into the agricultural fields and the 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 drain (size, gradient and length) shall be constructed for the mine pit and temporary soil and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields and the 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 shall be constructed at the corners of the garland drains and desilted at regular intervals.</p>	<ul style="list-style-type: none"> <li>• To collect surface run-off and arrest silt and sediment flow from the soil &amp; mineral stacks, drain along with settling pond is constructed along the toe of the stacks, ultimately drain water is being collected into mined out pit.</li> <li>• The drains are properly maintained and collected water is utilized for watering the mine area, roads, green belt development etc.</li> </ul>

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XII	Dimension of the retaining wall at the toe of temporary soil and mineral dumps to check run-off and siltation should be based on the rain fall data.	<ul style="list-style-type: none"> <li>Retaining wall has already been provided on the periphery of top soil storage area in order to prevent from run-off.</li> </ul>
XIII	Green belt shall be raised in an area of 21.58ha including a 7.5m wide statutory barrier all around the mining lease, roads etc, by planting the native species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2000 trees per hectare. Greenbelt shall be developed all along the mine lease area in a phased manner and shall be completed within first five years.	<ul style="list-style-type: none"> <li>1793 Plants has been planted from April to September for green belt development. Remaining area will also be covered under plantation as per approved mining plan. Details of greenbelt/reclamation are enclosed as under :</li> </ul>

**RKBA MINES Greenbelt & Plantation Details till Sep 2019**

Total Lease Area (in ha)	Opened up Area (in Ha)	Plantation From Apr-Sep-19	Pasture land (in Ha)	Water Body (in Ha)
310.3290	192.55 H	1793	41.9738	43.1142

XIV	Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high level of particulate matter such as 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.	<ul style="list-style-type: none"> <li>Water tankers have been deployed for regular sprinkling of water on haul roads to prevent fugitive dusting in mines area. Photographs are enclosed as under. Air quality monitoring is being done regularly for the parameters prescribed by the Central Pollution Control Board. Surface miner is having an inbuilt water spraying mechanism on the faces to suppress the dust particles.</li> </ul>
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Regular water sprinkling is being done on haul roads at RKBA Mines Area

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XV	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.	<ul style="list-style-type: none"><li>Water conservation measures to augment ground water resources in the area are being done by our Ambuja Cement Foundation (ACF). ACF &amp; community development work done by ACF in surrounding areas is enclosed as under:</li></ul>																																																																																																																																													
	<table><tr><th colspan="8">Ambuja Cement Foundation - Ambujanagar</th></tr><tr><th colspan="8">Details for programme wise expenditure for the year April 2019 to Sept. 2019</th></tr><tr><th>Sr.No</th><th>Programme</th><th>ACF - ACL</th><th>*Funds received through Government</th><th>** Funds from other Donors / Donor Agencies</th><th>***People's Contribution</th><th>****Direct Funding to Communities</th><th>Total Exp. (Rs. In lakhs)</th></tr><tr><td colspan="8">GUJARAT - Kodinar</td></tr><tr><td rowspan="4">1</td><td>Water Resource Mangement &amp; Drinking Water Projects</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>a.Water Resource Development</td><td>23.09</td><td>--</td><td>--</td><td>--</td><td>--</td><td>23.09</td></tr><tr><td>B .Drinking Water Programme</td><td>18.70</td><td>--</td><td>--</td><td>2.40</td><td>--</td><td>21.10</td></tr><tr><td>C. Salinity Prevention (KVY III)</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>0.00</td></tr><tr><td>2</td><td>Agriculture Development( Farm Forestry &amp;Afforesation)</td><td>21.31</td><td>--</td><td>5.09</td><td>54.35</td><td>70.66</td><td>151.41</td></tr><tr><td>3</td><td>BCI</td><td>3.78</td><td>--</td><td>76.91</td><td>7.03</td><td>8.33</td><td>96.05</td></tr><tr><td>4</td><td>Krishi Vigyan Kendra (KVK) - Agriculture</td><td>2.36</td><td>53.22</td><td>--</td><td>--</td><td>--</td><td>55.58</td></tr><tr><td>5</td><td>Health &amp; Sanitation</td><td>11.17</td><td>--</td><td>--</td><td>8.12</td><td>13.92</td><td>33.21</td></tr><tr><td>6</td><td>Women / Youth Development</td><td>6.15</td><td>--</td><td>--</td><td>--</td><td>--</td><td>6.15</td></tr><tr><td>7</td><td>Skill and Enterprunership Development Programme</td><td>12.24</td><td>--</td><td>81.00</td><td>7.13</td><td>--</td><td>100.37</td></tr><tr><td>8</td><td>Integrated Community Development Programme</td><td>50.02</td><td>--</td><td>--</td><td>--</td><td>--</td><td>50.02</td></tr><tr><td>9</td><td>Co-ordination &amp; Administration Expenses</td><td>8.93</td><td>--</td><td>--</td><td>--</td><td>--</td><td>8.93</td></tr><tr><td>10</td><td>Non Plan</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>0.00</td></tr><tr><td colspan="2">TOTAL</td><td>157.75</td><td>53.22</td><td>163.00</td><td>79.03</td><td>92.91</td><td>545.91</td></tr></table>		Ambuja Cement Foundation - Ambujanagar								Details for programme wise expenditure for the year April 2019 to Sept. 2019								Sr.No	Programme	ACF - ACL	*Funds received through Government	** Funds from other Donors / Donor Agencies	***People's Contribution	****Direct Funding to Communities	Total Exp. (Rs. In lakhs)	GUJARAT - Kodinar								1	Water Resource Mangement & Drinking Water Projects							a.Water Resource Development	23.09	--	--	--	--	23.09	B .Drinking Water Programme	18.70	--	--	2.40	--	21.10	C. Salinity Prevention (KVY III)	--	--	--	--	--	0.00	2	Agriculture Development( Farm Forestry &Afforesation)	21.31	--	5.09	54.35	70.66	151.41	3	BCI	3.78	--	76.91	7.03	8.33	96.05	4	Krishi Vigyan Kendra (KVK) - Agriculture	2.36	53.22	--	--	--	55.58	5	Health & Sanitation	11.17	--	--	8.12	13.92	33.21	6	Women / Youth Development	6.15	--	--	--	--	6.15	7	Skill and Enterprunership Development Programme	12.24	--	81.00	7.13	--	100.37	8	Integrated Community Development Programme	50.02	--	--	--	--	50.02	9	Co-ordination & Administration Expenses	8.93	--	--	--	--	8.93	10	Non Plan	--	--	--	--	--	0.00	TOTAL		157.75	53.22	163.00	79.03	92.91	545.91
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7	Skill and Enterprunership Development Programme	12.24	--	81.00	7.13	--	100.37																																																																																																																																								
8	Integrated Community Development Programme	50.02	--	--	--	--	50.02																																																																																																																																								
9	Co-ordination & Administration Expenses	8.93	--	--	--	--	8.93																																																																																																																																								
10	Non Plan	--	--	--	--	--	0.00																																																																																																																																								
TOTAL		157.75	53.22	163.00	79.03	92.91	545.91																																																																																																																																								
XVI	Regular monitoring of ground water level and quality shall be carried out within the mine 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 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 sent regularly to the Ministry of Environment and Forests and its Regional Office Bhopal, the Central Ground Water Authority and the	<ul style="list-style-type: none"><li>Ground water level &amp; quality monitoring is being done regularly by establishing a network of groundwater monitoring stations (existing wells and installing new piezometers). Report is submitted to MoEF regional office Bhopal on six monthly basis. Ground water level &amp; quality monitoring report is submitted vide our letter no. ACL/EMD/F-10/2019/1009 dtd. 11.03.2019 . Report is as under.</li></ul>																																																																																																																																													

**Compliance Status of Environment Clearance issued to RKBA Limestone Mines**  
**Vide MoEF Letter No: J-11015/221/2008-IA-II (M) dated 04.03.2011**

Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted and salinity ingress in groundwater is observed due to the mining activity, necessary corrective safeguard measures shall be taken in consultation with the Central Ground Water Authority.

**DISTRICT LABORATORY**  
 Gitanagar-1 Soc, Near HighTenk, Opposite Nalanda School, Veraval.  
 PIN-362265. Phone:02876-224838.  
 Email:- distlabgirsomnath@gmail.com

**REPORT ON SHORT CHEMICAL EXAMINATION OF WATER**

Name & Address: Head environment Ambuja foundeshan, Ambuja Cements Ltd  
 Taluka - Kodinar  
 Gir Somnath

Sender's Ref. No.: AGL/ENV/2019/003  
 Ref. Date: 22-05-2019  
 Sample Collected By: Sender's

Sr. No.	Lab. Reference : CW No.	354	355	356
1	Date of Collection	Value as per IS 10500 : 2012 (Second Revision)	22-May-19	22-May-19
2	Date of Arrival at Laboratory	22-May-19	22-May-19	22-May-19
3	Source of Water Sample	Requirement (Acceptable Limit) MAX	Permissible Limit in the absence of Alternate Source MAX	Permissible Limit in the absence of Alternate Source MAX
4	Village	Rampara	Rampara	Rampara
5	Habitation	Rampara	Rampara	Rampara
6	Taluka	Veraval	Veraval	Veraval
7	District	Gir Somnath	Gir Somnath	Gir Somnath
8	Colour - Hazen Units	5	15	Nil
9	Odour	Agreeable	Agreeable	Agreeable
10	Turbidity - NTU	1	5	0.35
11	Dissolve Solids - mg/l	500	2000	438
12	Conductivity - µs/cm	500	2000	244
13	pH	6.5 to 8.5	No Relaxation	7.16
14	Total Hardness (as CaCO <sub>3</sub> ) mg/l	200	600	892
15	Calcium (as Ca <sup>++</sup> ) mg/l	75	200	56
16	Magnesium (as Mg <sup>++</sup> ) mg/l	30	100	36
17	Chloride (as Cl <sup>-</sup> ) mg/l	250	1000	52
18	Sulphate (as SO <sub>4</sub> <sup>-2</sup> ) mg/l	200	400	46
19	Nitrate (as NO <sub>3</sub> <sup>-</sup> ) mg/l	45	No Relaxation	4.00
20	Fluoride (as F <sup>-</sup> ) mg/l	1.0	1.5	0.05
21	Alkalinity (as CaCO <sub>3</sub> ) mg/l	200	600	88
22	Opinion for Potability is given as per Analyzed test parameters only.	FIT	FIT	UNFIT

Note:  
 \* It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under "permissible limit in the absence of alternate source" above which the sources will have to be rejected.

1. Test Report is issued for assessing Chemical Fitness as per the BIS 10500:2012 for the given Drinking Water Sample only.  
 2. This Report should not be taken as a basis to getting license from any Government authority.  
 3. Chemical Sample must be submitted within 72 hours to laboratory from time of collecting sample.  
 4. Excessive Turbidity, if any may be removed before use.

Outward No : CAR / 103 / of 2019, Date: 26 / 05 / 2019  
 Junior Scientific Assistant.

**DISTRICT LABORATORY**  
 Gitanagar-1 Soc, Near HighTenk, Opposite Nalanda School, Veraval.  
 PIN-362265. Phone:02876-224838.  
 Email:- distlabgirsomnath@gmail.com

**REPORT ON SHORT CHEMICAL EXAMINATION OF WATER**

Name & Address: Head environment Ambuja foundeshan, Ambuja Cements Ltd  
 Taluka - Kodinar  
 Gir Somnath

Sender's Ref. No.: AGL/ENV/2019/003  
 Ref. Date: 22-05-2019  
 Sample Collected By: Sender's

Sr. No.	Lab. Reference : CW No.	351	352	353
1	Date of Collection	Value as per IS 10500 : 2012 (Second Revision)	22-May-19	22-May-19
2	Date of Arrival at Laboratory	22-May-19	22-May-19	22-May-19
3	Source of Water Sample	Requirement (Acceptable Limit) MAX	Permissible Limit in the absence of Alternate Source MAX	Permissible Limit in the absence of Alternate Source MAX
4	Village	Rampara	Rampara	Rampara
5	Habitation	Rampara	Rampara	Rampara
6	Taluka	Veraval	Veraval	Veraval
7	District	Gir Somnath	Gir Somnath	Gir Somnath
8	Colour - Hazen Units	5	15	Nil
9	Odour	Agreeable	Agreeable	Agreeable
10	Turbidity - NTU	1	5	0.35
11	Dissolve Solids - mg/l	500	2000	438
12	Conductivity - µs/cm	500	2000	244
13	pH	6.5 to 8.5	No Relaxation	7.16
14	Total Hardness (as CaCO <sub>3</sub> ) mg/l	200	600	892
15	Calcium (as Ca <sup>++</sup> ) mg/l	75	200	56
16	Magnesium (as Mg <sup>++</sup> ) mg/l	30	100	36
17	Chloride (as Cl <sup>-</sup> ) mg/l	250	1000	52
18	Sulphate (as SO <sub>4</sub> <sup>-2</sup> ) mg/l	200	400	46
19	Nitrate (as NO <sub>3</sub> <sup>-</sup> ) mg/l	45	No Relaxation	4.00
20	Fluoride (as F <sup>-</sup> ) mg/l	1.0	1.5	0.05
21	Alkalinity (as CaCO <sub>3</sub> ) mg/l	200	600	88
22	Opinion for Potability is given as per Analyzed test parameters only.	FIT	FIT	FIT

Note:  
 \* It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under "permissible limit in the absence of alternate source" above which the sources will have to be rejected.

1. Test Report is issued for assessing Chemical Fitness as per the BIS 10500:2012 for the given Drinking Water Sample only.  
 2. This Report should not be taken as a basis to getting license from any Government authority.  
 3. Chemical Sample must be submitted within 72 hours to laboratory from time of collecting sample.  
 4. Excessive Turbidity, if any may be removed before use.

Outward No : CAR / 103 / of 2019, Date: 26 / 05 / 2019  
 Junior Scientific Assistant.

XVII The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water), if any, required for the project.

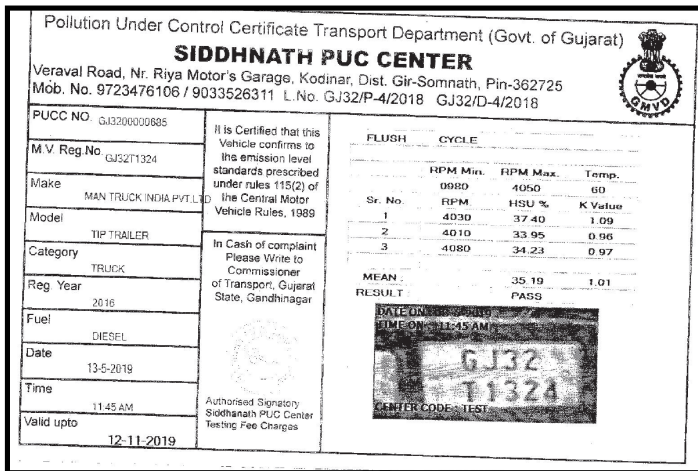
- No withdrawal of ground water is being done. Water requirement for drinking is being met from private purchase. Whereas water requirement for dust suppression and greenbelt development is being met from harvested rain water in mined out pit.

XVIII The project proponent shall practice suitable rainwater harvesting measures on long term basis and work out a detailed scheme for rainwater harvesting in consultation with the Central Groundwater Authority and submit a copy of the same to the Ministry of Environment and Forests and its Regional Office, Bhopal.

- Water conservation measures to augment ground water resources in the area are being done by our Ambuja Cement Foundation (ACF). Details of water harvesting work done by ACF in and around area are enclosed at last.
- Ground Water & Mineral Investigation Consultancy Centre Pvt. Ltd. (GWMICC), Jaipur has been engaged for the monitoring of ground water quality & Impact of limestone mining and salinity ingress status around RKBA Limestone Mines and



**Compliance Status of Environment Clearance issued to RKBA Limestone Mines**  
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		around ACL Plant. A report on the same has been already submitted to MoEF vide our submission dated 21.05.11 vide letter no. ACL/EMD/F-16/2011 & also on 28.06.2011 vide letter no. ACL/EMD/F-16/2011/136/59025.
XIX	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.	<ul style="list-style-type: none"> <li>Vehicular emissions are being checked &amp; monitored regularly. Detail of P.U.C certificate by Omkar driving school &amp; P.U.C center (Approved by Government of Gujarat) is enclosed as under:</li> </ul>
		
XX	Drilling and blasting operation shall not be carried out.	<ul style="list-style-type: none"> <li>Blast free eco-friendly machine i.e. Surface Miner is used for excavating the limestone. The noise levels are kept well within the permissible limits by system of condition monitoring of the equipment and well planned maintenance system.</li> </ul>
XXI	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 physiography of the area and report submitted to the Ministry of Environment and Forests and its Regional Office located at Bhopal.	<ul style="list-style-type: none"> <li>Digital processing of the entire lease area using remote sensing technique is being carried out regularly once in three years, we have engaged Compusense Automation, Ahmadabad for digital processing of entire lease area. Report of the year 2016 has been submitted vide our letter No. ACL/EMD/F10/2019/1029/85299 dtd.08.04.2019. Report of this year is under progress.</li> </ul>

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XXII	Land oustees and land losers/affected people should be rehabilitated as per the National Policy on Resettlement and Rehabilitation of project Affected Families (NPRR)/State Government norms.	<ul style="list-style-type: none"> <li>Not applicable.</li> </ul>
XXIII	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.	<ul style="list-style-type: none"> <li>Not applicable.</li> </ul>
XXIV	Sewage treatment plant shall be installed for the colony. ETP shall also be provided for the workshop and wastewater generated during the mining operation.	<ul style="list-style-type: none"> <li>There is no residential colony at mine site. However, township is located at Ambujanagar, where 1500 m3/day capacity Sewage Treatment Plant is established. At workshop baffle type oil &amp; grease separation system has been provided, treated water from oil &amp; grease separation system is being used for dust suppression.</li> </ul>
XXV	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.	<ul style="list-style-type: none"> <li>Pre-placement medical examination and periodical medical examination of the workers engaged in the project is being carried out regularly and record is maintained.</li> </ul>

SHUBHAM GUPTA, Emp. No. 2010631 ( Mines )

**FORM - M**  
(See Rule 29 D)

Notice of initial/periodical medical examination under rule 29 B

No. \_\_\_\_\_ Date: 19-06-2019

Sri/Smt. Shubham Gupta Nature of employment GET serial number from B register 38 Son/Daughter/Wife \* of Vijaykumar Gupta is hereby notified the he/She\* should present himself/herself\* for an initial /periodical\* medical examination, under Rule 29B of the Mines Rules, 1955 before \_\_\_\_\_ (give date) at AMBUJA HOSPITAL, (give time).

Sri/Smt. \* Shubham Gupta may note that if he/she\* fails, without reasonable cause, to submit himself/herself\* for the medical examination aforesaid he/she shall not be eligible for appointment/continuance in employment in the Mines from RKBA LIMESTONE MINES

Sri/Smt. \* Shubham Gupta may further note that he/she\* should bring with him/her\* three unattested photographs of himself/herself\* and the previous medical certificate in Form O; if any, issued to him/her\* under Rule 29 F.

Signature of Manager  
[Signature] Mine

\* Delete whatever is not applicable.  
 \*\*\* Necessary only in case of person already employed in the Mine.  
 In respect of initial medical examination of person already employed in a mine in respect of every periodical medical examination, at least twenty days prior notice is to be given. In respect of the initial medical examination or a person seeking employment at a mine the period of notice may be shorter.

Note: A copy of the notice shall be sent to the examining authority concerned. In the case of periodical medical examination the copy of medical certificate in Form-O shall also be sent.

SHUBHAM GUPTA, Emp. No. 2010631 ( Mines )

**FORM - O**  
(See Rule 29 F(2) and 29 L)

Report of Medical Examination under Rule 29B  
(To be issued in triplicate)

Certificate No. \_\_\_\_\_

Certificate that Shri/Shrimati, Shubham Gupta employed as GET in RKBA LIMESTONE MINES, Form B No. 38 has been examined for an initial/periodical\* medical examination. He/She appears to be DOB 07.09.1998 Years of age. The findings of the examining authority are given in the attached sheet. It is considered that Shri/Smt Shubham Gupta

\* (a) is medically fit for any employment in mines,  
 \* (b) is suffering from \_\_\_\_\_ and is medically unfit for:  
 (i) any employment in mine; or  
 (ii) any employment below ground; or  
 (iii) any employment or work  
 (c) is suffering from \_\_\_\_\_ and should be again examined within a period of \_\_\_\_\_ months. \*He/She\* will appear for re-examination with the result of test of \_\_\_\_\_ and the opinion of \_\_\_\_\_ specialist from \_\_\_\_\_ after duties during this period.

Signature of the Examining Authority  
 Name and Designation in Block : DR. DEVIKANT VARSH  
 Letters: [Signature]

Place : \_\_\_\_\_ Date : 19/6/19

\* Delete whatever not applicable.  
 One copy of the certificate shall be handed over to the person concerned and another copy shall be sent to Manager of the mine concerned by register post, and the third copy shall be retained by the examining authority.

SHUBHAM GUPTA, Emp. No. 2010631 ( Mines )

: 2 :

**REPORT OF THE EXAMINING AUTHORITY**  
(To be filled in for every medical examination whether initial or periodical or re-examination or after confinement or disability)

Annexure to Certificate No. \_\_\_\_\_ as a result of Medical Examination

Identification mark: old scar over Ri. eye brow

Left thumb impression of the candidate

1. General development: Good/Fair/Poor  
 2. Height 176 cms. 3. Weight 76 Kgs.  
 3. Eyes: (i) Visual acuity-Distant vision (with or without glasses)  
 Right eye 6/6 NK Left eye 6/6 NK  
 \* (ii) any organic disease of eye  
 \* (iii) night blindness  
 \* (iv) colour blindness  
 \* (v) Squint  
 ("To be tested in special cases")  
 4. Ears: (i) Hearing: Right ear NB  
 Left ear NB  
 (ii) any organic disease NB  
 5. Respiratory system: Chest measurement:  
 (i) after full inspiration 80 cms.  
 (ii) after full expiration 73 cms.  
 6. Circulatory system: Blood pressure 116/78 mmHg  
 Pulse 92/100  
 7. Abdomen: Tenderness Liver  
 Spleen Tumour NB

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XXVI	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	<ul style="list-style-type: none"> <li>All Workers stay at existing colony and transportation facility provided for attending the duties. All necessary infrastructures facilities are being provided. There is no project work at mines area and there is no such requirement. However, whenever such requirement will be generated, provision will be set up.</li> </ul>
XXVII	The critical parameters such as RSPM (Particulate matter with size less than 10 um i.e., PM <sub>10</sub> ), NO <sub>x</sub> in the ambient air within the impact zone, 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 <a href="http://www.envfor.nic.in">www.envfor.nic.in</a> shall also be referred in this regard for its compliance.	<ul style="list-style-type: none"> <li>Air quality monitoring and water quality monitoring is being done regularly and report is submitted to GPCB &amp; MoEF. Results of Air &amp; Water quality monitoring is being uploaded on the website of the company as well as displayed on a display board at the project site near mines office. The AAQ monitoring results for the period April'19 to Sep'19 for PM<sub>10</sub>, PM<sub>2.5</sub>, CO, SO<sub>2</sub> and NO<sub>x</sub> are enclosed as under.</li> </ul>

Month	Ambient Air Quality Monitoring Results														
	Working Place					Mines Office					Kukaras Village				
	PM2.5	PM10	SO2	NOx	CO	PM2.5	PM10	SO2	NOx	CO	PM2.5	PM10	SO2	NOx	CO
Unit >	(µg/m3)					(µg/m3)					(µg/m3)				
April 2019	34.00	55.00	10.50	15.30	BDL	30.00	56.00	11.70	14.60	BDL	24.00	44.00	11.60	15.90	BDL
	38.00	60.00	11.60	15.30	BDL	37.00	58.00	12.10	14.20	BDL	32.00	53.00	11.70	14.90	BDL
May 2019	34.00	56.00	11.50	15.30	BDL	33.00	59.00	11.70	14.70	BDL	27.00	46.00	12.60	15.30	BDL
	36.00	62.00	12.70	15.30	BDL	35.00	64.00	10.60	14.20	BDL	31.00	55.00	11.80	15.80	BDL
June 2019	33.10	47.20	10.20	15.90	BDL	32.00	46.20	11.00	14.50	BDL	28.00	48.80	9.80	15.40	BDL
	34.00	58.00	12.40	15.90	BDL	36.00	53.00	11.77	14.20	BDL	33.00	58.80	11.20	15.60	BDL
July 2019	32.50	46.30	11.00	14.60	BDL	30.00	47.60	10.80	12.60	BDL	29.30	49.30	10.00	13.60	BDL
	17.30	39.40	12.30	14.60	BDL	14.30	37.60	13.00	14.70	BDL	15.50	36.40	10.60	12.30	BDL
Aug. 2019	16.20	38.60	10.30	14.20	BDL	17.50	37.30	10.50	13.80	BDL	15.60	36.80	10.80	12.60	BDL
	26.80	52.30	12.10	14.20	BDL	28.50	48.60	12.50	14.30	BDL	27.20	46.40	11.00	12.60	BDL
Sept. 2019	17.20	37.60	10.10	13.70	BDL	15.60	35.80	10.10	12.60	BDL	13.60	36.50	9.20	11.70	BDL
Minimum	16.20	37.60	10.10	13.70	BDL	14.30	35.80	10.10	12.60	BDL	13.60	36.40	9.20	11.70	BDL
Maximum	38.00	62.00	12.70	15.90	BDL	37.00	64.00	13.00	14.70	BDL	33.00	58.80	12.60	15.90	BDL
Average	29.01	50.22	11.34	14.94	BDL	28.08	49.37	11.43	14.04	BDL	25.11	46.45	10.94	14.15	BDL

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Month	Ambient Air Quality Monitoring Results														
	Anandapara Village					Bhetali Village					Rampara Village				
	PM2.5	PM10	SO2	NOx	CO	PM2.5	PM10	SO2	NOx	CO	PM 2.5	PM 10	SO2	NOx	CO
Unit >	(µg/m3)					(µg/m3)					(µg/m3)				
April 2019	26.00	45.00	12.30	15.60	BDL	22.00	49.00	12.90	14.10	BDL	25.00	47.00	10.40	14.70	BDL
	34.00	51.00	12.60	15.10	BDL	31.00	54.00	11.50	14.30	BDL	36.00	59.00	10.60	15.20	BDL
May 2019	29.00	48.00	12.30	15.20	BDL	31.00	51.00	12.70	14.60	BDL	29.00	58.00	11.60	12.80	BDL
	35.00	53.00	12.40	16.20	BDL	29.00	57.00	10.50	14.30	BDL	33.00	59.00	11.60	15.70	BDL
June 2019	27.00	52.30	10.20	15.20	BDL	31.00	50.30	10.50	15.30	BDL	29.00	49.30	9.70	14.50	BDL
	35.00	51.60	11.60	16.40	BDL	30.00	62.00	11.30	15.10	BDL	34.00	68.10	11.70	15.60	BDL
July 2019	28.00	50.30	9.80	14.30	BDL	30.20	45.60	10.20	16.30	BDL	27.60	50.20	9.90	13.50	BDL
	16.20	35.90	10.20	13.60	BDL	15.80	36.40	12.30	14.30	BDL	15.20	38.60	10.50	14.20	BDL
Aug. 2019	24.30	46.70	11.30	12.30	BDL	25.80	47.20	11.70	13.50	BDL	27.10	48.90	10.10	12.90	BDL
	29.10	51.50	10.60	13.20	BDL	27.40	47.10	11.80	12.80	BDL	29.70	49.40	10.90	13.90	BDL
Sept. 2019	23.66	44.36	10.80	11.70	BDL	23.60	45.50	10.80	12.20	BDL	25.36	47.20	11.12	11.60	BDL
Minimum	16.20	35.90	9.80	11.70	BDL	15.80	36.40	10.20	12.20	BDL	15.20	38.60	9.70	11.60	BDL
Maximum	35.00	53.00	12.60	16.40	BDL	31.00	62.00	12.90	16.30	BDL	36.00	68.10	11.70	15.70	BDL
Average	27.93	48.15	11.28	14.44	BDL	26.98	49.55	11.47	14.25	BDL	28.27	52.25	10.74	14.05	BDL

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,	<ul style="list-style-type: none"> <li>Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment &amp; Forests 5 years in advance of final mine closure for approval.</li> </ul>
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**B. General conditions**

(i)	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests.	<ul style="list-style-type: none"> <li>We are following the same mining practices through state of art Surface Miner as proposed. In case of any change in the mining technology and scope of working, we will take prior approval from Ministry of Environment, Forest &amp; Climate Change.</li> </ul>
(ii)	No change in the calendar plan including excavation, quantum of mineral limestone and waste should be made.	<ul style="list-style-type: none"> <li>Point Noted</li> </ul>
(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.	<ul style="list-style-type: none"> <li>"Status of Biodiversity (Flora &amp; Fauna) in core and buffer zone areas of RKBA Limestone Mine Lease (310.32ha) study area is prepared by Gujarat Institute of Desert Ecology-Kutchh" and the same has been submitted to the office of the PCCF and the concurrence is obtained. Report submitted to MoEF vide letter no. ACL/EMD/F16/2010/55293 dated 25.12.2010.</li> </ul>
(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) and NOx monitoring. Location of the stations should be decided based on the meteorological	<ul style="list-style-type: none"> <li>Six ambient air quality-monitoring stations have been established in the core zone as well as in the buffer zone. The locations of the monitoring stations are decided in consultation with GPCB and renowned consultant Sh B Padmanabh Murthy,</li> </ul>



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data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.

Professor of JNU and former Director of IMD Met-Dept on 5th and 6th Jan 2008. Ambient air quality is being monitored regularly and report is being regularly submitted to GPCB & MoEF. The AAQ monitoring results for the period April'19 to Sep'19 for PM<sub>10</sub>, PM<sub>2.5</sub>, CO, SO<sub>2</sub> and NO<sub>x</sub> are enclosed as under :

Month	Ambient Air Quality Monitoring Results														
	Working Place					Mines Office					Kukaras Village				
	PM2.5	PM10	SO2	NOx	CO	PM2.5	PM10	SO2	NOx	CO	PM2.5	PM10	SO2	NOx	CO
Unit >	(µg/m <sup>3</sup> )					(µg/m <sup>3</sup> )					(µg/m <sup>3</sup> )				
April 2019	34.00	55.00	10.50	15.30	BDL	30.00	56.00	11.70	14.60	BDL	24.00	44.00	11.60	15.90	BDL
	38.00	60.00	11.60	15.30	BDL	37.00	58.00	12.10	14.20	BDL	32.00	53.00	11.70	14.90	BDL
May 2019	34.00	56.00	11.50	15.30	BDL	33.00	59.00	11.70	14.70	BDL	27.00	46.00	12.60	15.30	BDL
	36.00	62.00	12.70	15.30	BDL	35.00	64.00	10.60	14.20	BDL	31.00	55.00	11.80	15.80	BDL
June 2019	33.10	47.20	10.20	15.90	BDL	32.00	46.20	11.00	14.50	BDL	28.00	48.80	9.80	15.40	BDL
	34.00	58.00	12.40	15.90	BDL	36.00	53.00	11.77	14.20	BDL	33.00	58.80	11.20	15.60	BDL
July 2019	32.50	46.30	11.00	14.60	BDL	30.00	47.60	10.80	12.60	BDL	29.30	49.30	10.00	13.60	BDL
	17.30	39.40	12.30	14.60	BDL	14.30	37.60	13.00	14.70	BDL	15.50	36.40	10.60	12.30	BDL
Aug. 2019	16.20	38.60	10.30	14.20	BDL	17.50	37.30	10.50	13.80	BDL	15.60	36.80	10.80	12.60	BDL
	26.80	52.30	12.10	14.20	BDL	28.50	48.60	12.50	14.30	BDL	27.20	46.40	11.00	12.60	BDL
Sept. 2019	17.20	37.60	10.10	13.70	BDL	15.60	35.80	10.10	12.60	BDL	13.60	36.50	9.20	11.70	BDL
Minimum	16.20	37.60	10.10	13.70	BDL	14.30	35.80	10.10	12.60	BDL	13.60	36.40	9.20	11.70	BDL
Maximum	38.00	62.00	12.70	15.90	BDL	37.00	64.00	13.00	14.70	BDL	33.00	58.80	12.60	15.90	BDL
Average	29.01	50.22	11.34	14.94	BDL	28.08	49.37	11.43	14.04	BDL	25.11	46.45	10.94	14.15	BDL

Month	Ambient Air Quality Monitoring Results														
	Anandapara Village					Bhetali Village					Rampara Village				
	PM2.5	PM10	SO2	NOx	CO	PM2.5	PM10	SO2	NOx	CO	PM 2.5	PM 10	SO2	NOx	CO
Unit >	(µg/m <sup>3</sup> )					(µg/m <sup>3</sup> )					(µg/m <sup>3</sup> )				
April 2019	26.00	45.00	12.30	15.60	BDL	22.00	49.00	12.90	14.10	BDL	25.00	47.00	10.40	14.70	BDL
	34.00	51.00	12.60	15.10	BDL	31.00	54.00	11.50	14.30	BDL	36.00	59.00	10.60	15.20	BDL
May 2019	29.00	48.00	12.30	15.20	BDL	31.00	51.00	12.70	14.60	BDL	29.00	58.00	11.60	12.80	BDL
	35.00	53.00	12.40	16.20	BDL	29.00	57.00	10.50	14.30	BDL	33.00	59.00	11.60	15.70	BDL
June 2019	27.00	52.30	10.20	15.20	BDL	31.00	50.30	10.50	15.30	BDL	29.00	49.30	9.70	14.50	BDL
	35.00	51.60	11.60	16.40	BDL	30.00	62.00	11.30	15.10	BDL	34.00	68.10	11.70	15.60	BDL
July 2019	28.00	50.30	9.80	14.30	BDL	30.20	45.60	10.20	16.30	BDL	27.60	50.20	9.90	13.50	BDL
	16.20	35.90	10.20	13.60	BDL	15.80	36.40	12.30	14.30	BDL	15.20	38.60	10.50	14.20	BDL
Aug. 2019	24.30	46.70	11.30	12.30	BDL	25.80	47.20	11.70	13.50	BDL	27.10	48.90	10.10	12.90	BDL
	29.10	51.50	10.60	13.20	BDL	27.40	47.10	11.80	12.80	BDL	29.70	49.40	10.90	13.90	BDL
Sept. 2019	23.66	44.36	10.80	11.70	BDL	23.60	45.50	10.80	12.20	BDL	25.36	47.20	11.12	11.60	BDL
Minimum	16.20	35.90	9.80	11.70	BDL	15.80	36.40	10.20	12.20	BDL	15.20	38.60	9.70	11.60	BDL
Maximum	35.00	53.00	12.60	16.40	BDL	31.00	62.00	12.90	16.30	BDL	36.00	68.10	11.70	15.70	BDL
Average	27.93	48.15	11.28	14.44	BDL	26.98	49.55	11.47	14.25	BDL	28.27	52.25	10.74	14.05	BDL

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|-------|--|--|
| (v)   | Data on ambient air quality RSPM (Particulate matter with size less than 10 micron i.e., PM <sub>10</sub> ) & NO <sub>x</sub> should be regularly submitted to the Ministry of Environment and Forests including its Regional office located at Bhopal and the State Pollution Control Board / Central Pollution Control Board once in six months. | <ul style="list-style-type: none"> <li>Ambient air quality is being monitored regularly and report is being regularly submitted to GPCB &amp; MoEF. Last submission was on 30.05.2019 vide letter No . ACL/EMD/F-16/2019/1062.</li> </ul>                            |
| (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.  | <ul style="list-style-type: none"> <li>Water tankers have been deployed for regular sprinkling of water on haul roads to prevent fugitive dusting in mines area. Air quality monitoring is being done regularly and conform the norms prescribed by GPCB.</li> </ul> |
| (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.  | <ul style="list-style-type: none"> <li>Blast free eco-friendly machine i.e. Surface Miner is used for excavating the limestone. The noise levels are kept well within the permissible limits by system of condition</li> </ul>                                       |

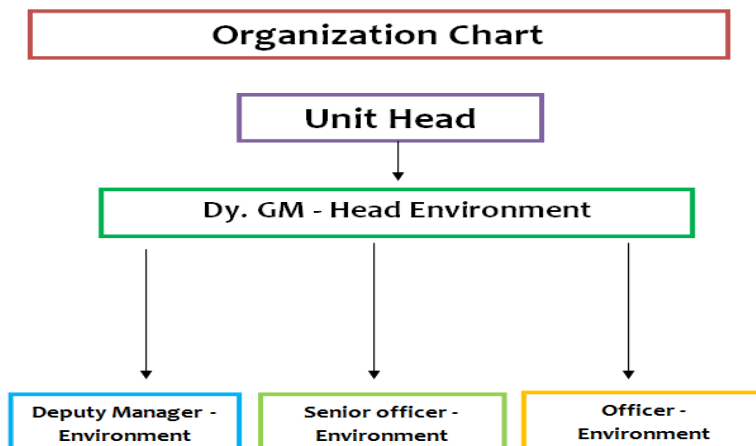
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		monitoring of the equipment and well planned maintenance system. Ambient noise monitoring as well as HEMM noise monitoring report is enclosed as under																																																																																																																																																																		
(a)	<table><tr><th colspan="15">Noise Level of HEMM - RKBA Limestone Mines (April 2019 - Sept 2019)</th></tr><tr><th>Machine</th><th colspan="4">Surfaec Miner</th><th colspan="4">Loader</th><th colspan="6">Dozer</th></tr><tr><th rowspan="2">Month</th><th rowspan="2">Conditions</th><th colspan="2">Noise Levels (dB)</th><th rowspan="2">Conditions</th><th colspan="2">Noise Levels (dB)</th><th rowspan="2">Conditions</th><th colspan="2">Noise Levels (dB)</th></tr><tr><th>At 5m. distance</th><th>At 10m. distance</th><th>At 5m. distance</th><th>At 10m. distance</th><th>At 5m. distance</th><th>At 10m. distance</th></tr><tr><td></td><td></td><td>Leq</td><td>Leq</td><td></td><td>Leq</td><td>Leq</td><td></td><td>Leq</td><td>Leq</td></tr><tr><td>Apr-19</td><td rowspan="7">While dozing the material</td><td>73</td><td>68</td><td rowspan="7">While loading to tipper</td><td>75</td><td>70</td><td rowspan="7">While mining</td><td>70</td><td>65</td></tr><tr><td>May-19</td><td>68</td><td>62</td><td>66</td><td>67</td><td>71</td><td>68</td></tr><tr><td>Jun-19</td><td>70</td><td>66</td><td>70</td><td>67</td><td>65</td><td>57</td></tr><tr><td>Jul-19</td><td>69</td><td>62</td><td>72</td><td>63</td><td>70</td><td>62</td></tr><tr><td>Aug-19</td><td>69</td><td>64</td><td>67</td><td>71</td><td>65</td><td>66</td></tr><tr><td>Sep-19</td><td>73</td><td>67</td><td>75</td><td>70</td><td>70</td><td>66</td></tr></table>															Noise Level of HEMM - RKBA Limestone Mines (April 2019 - Sept 2019)															Machine	Surfaec Miner				Loader				Dozer						Month	Conditions	Noise Levels (dB)		Conditions	Noise Levels (dB)		Conditions	Noise Levels (dB)		At 5m. distance	At 10m. distance	At 5m. distance	At 10m. distance	At 5m. distance	At 10m. distance			Leq	Leq		Leq	Leq		Leq	Leq	Apr-19	While dozing the material	73	68	While loading to tipper	75	70	While mining	70	65	May-19	68	62	66	67	71	68	Jun-19	70	66	70	67	65	57	Jul-19	69	62	72	63	70	62	Aug-19	69	64	67	71	65	66	Sep-19	73	67	75	70	70	66																																																
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(b)		<table><tr><th colspan="15">Ambient Noise Level Monitoring - RKBA Limestone Mines (April-19 to Sep-19)</th></tr><tr><th rowspan="2">Month</th><th colspan="14">Noise Levels in dB(A)</th></tr><tr><th colspan="2">Near Surface</th><th colspan="2">Haul road</th><th colspan="2">Mines Office</th><th colspan="2">Rampara Village</th><th colspan="2">Kukaras Village</th><th colspan="2">Bhetali Village</th><th colspan="2">Anandapara</th></tr><tr><td></td><td>Leq (Day)</td><td>Leq (Night)</td><td>Leq (Day)</td><td>Leq (Night)</td><td>Leq (Day)</td><td>Leq (Night)</td><td>Leq (Day)</td><td>Leq (Night)</td><td>Leq (Day)</td><td>Leq (Night)</td><td>Leq (Day)</td><td>Leq (Night)</td><td>Leq (Day)</td><td>Leq (Night)</td></tr><tr><td>Apr-19</td><td>59</td><td>63</td><td>68</td><td>53</td><td>49</td><td>45</td><td>50</td><td>49</td><td>48</td><td>44</td><td>48</td><td>49</td><td>44</td><td>42</td></tr><tr><td>May-19</td><td>68</td><td>58</td><td>66</td><td>59</td><td>61</td><td>48</td><td>48</td><td>41</td><td>50</td><td>45</td><td>46</td><td>42</td><td>49</td><td>45</td></tr><tr><td>Jun-19</td><td>60</td><td>59</td><td>60</td><td>55</td><td>48</td><td>44</td><td>52</td><td>46</td><td>49</td><td>45</td><td>49</td><td>45</td><td>48</td><td>43</td></tr><tr><td>Jul-19</td><td>66</td><td>62</td><td>68</td><td>61</td><td>60</td><td>56</td><td>48</td><td>40</td><td>49</td><td>35</td><td>49</td><td>39</td><td>49</td><td>37</td></tr><tr><td>Aug-19</td><td>66</td><td>62</td><td>66</td><td>59</td><td>58</td><td>54</td><td>47</td><td>38</td><td>47</td><td>38</td><td>49</td><td>39</td><td>46</td><td>36</td></tr><tr><td>Sep-19</td><td>67</td><td>63</td><td>68</td><td>60</td><td>59</td><td>56</td><td>48</td><td>39</td><td>48</td><td>39</td><td>50</td><td>40</td><td>47</td><td>38</td></tr></table>															Ambient Noise Level Monitoring - RKBA Limestone Mines (April-19 to Sep-19)															Month	Noise Levels in dB(A)														Near Surface		Haul road		Mines Office		Rampara Village		Kukaras Village		Bhetali Village		Anandapara			Leq (Day)	Leq (Night)	Leq (Day)	Leq (Night)	Leq (Day)	Leq (Night)	Leq (Day)	Leq (Night)	Leq (Day)	Leq (Night)	Leq (Day)	Leq (Night)	Leq (Day)	Leq (Night)	Apr-19	59	63	68	53	49	45	50	49	48	44	48	49	44	42	May-19	68	58	66	59	61	48	48	41	50	45	46	42	49	45	Jun-19	60	59	60	55	48	44	52	46	49	45	49	45	48	43	Jul-19	66	62	68	61	60	56	48	40	49	35	49	39	49	37	Aug-19	66	62	66	59	58	54	47	38	47	38	49	39	46	36	Sep-19	67	63	68	60	59	56	48	39	48	39	50	40	47
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Sep-19	67	63	68	60	59	56	48	39	48	39	50	40	47	38																																																																																																																																																						
(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 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.	<ul style="list-style-type: none"><li>'No waste water generation from Mines' only negligible amount of waste water is generated from workshop, which is being treated at baffle type oil and grease separation system and treated water is being used for plantation/greenbelt development.</li></ul>																																																																																																																																																																		
(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.	<ul style="list-style-type: none"><li>Dust Masks, Safety Shoes, Safety Goggles &amp; Helmet are provided to each &amp; every personnel working in the mine area. Periodic Health check up is being done for personnel working in mines area. Work area monitoring for air borne dust is carried out regularly on monthly basis, monitoring results are enclosed as under :</li></ul>																																																																																																																																																																		

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Air Borne Dust Survey - RKBA Limestone Mines (April 2019 - Sept 2019)											
Machine : Surface Miner				Machine : Dozer				Machine : Loader			
Date	Period	Location	RSPM (mg/m3)	Date	Period	Location	RSPM (mg/m3)	Date	Period	Location	RSPM (mg/m3)
11-Apr-19	14:00 - 22:00	Inside Cabin	0.24	12-Apr-19	14:00 - 22:00	Inside Cabin	0.3	13-Apr-19	14:00 - 22:00	Inside Cabin	0.32
09-May-19	06:00 - 14:00		0.3	10-May-19	06:00 - 14:00		0.32	11-May-19	06:00 - 14:00		0.36
13-Jun-19	14:00 - 22:00		0.28	14-Jun-19	14:00 - 22:00		0.3	15-Jun-19	14:00 - 22:00		0.32
15-Jul-19	06:00 - 14:00		0.29	16-Jul-19	06:00 - 14:00		0.3	17-Jul-19	06:00 - 14:00		0.33
28-Aug-19	14:00 - 22:00		0.3	29-Aug-19	14:00 - 22:00		0.28	30-Aug-19	14:00 - 22:00		0.24
04-Sep-19	06:00 - 14:00		0.29	05-Sep-19	06:00 - 14:00		0.26	06-Sep-19	06:00 - 14:00		0.31

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| (x) | <p>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.</p> | <ul style="list-style-type: none"> <li>A well established Environmental Management Division (EMD) with suitable qualified personnel is in place. Head of environmental management cell directly report to the Works Head of the organization. EMD organization chart is enclosed as under</li> </ul> |
|-----|---|--|



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| (xi) | <p>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 Bhopal.</p> | <ul style="list-style-type: none"> <li>Details of capital and recurring expenditure for environmental protection measures are enclosed as under :</li> </ul> |
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Expenditure incurred in Environment Management Plan - RKBA		
A. Capital Cost		
S.No	Particulars	Cost
1	Monitoring Equipments	37.08
2	Environment Laboratory	10
3	Others (Monitoring Van, DG Sets etc.	10
	<b>Total (In Lacs INR)</b>	<b>57.08</b>
B. Recurring Cost ( April'19 to Sep'19)		
S.No	Particulars	Cost
1	Green belt development & Dust suppression	26.42
2	Manpower Cost *	28.51
3	House Keeping	1.75
5	Other Env. Protection (Environmental Monitoring)	1.68
6	Environment Awareness *	1.25
	<b>Total (In Lacs INR)</b>	<b>59.61</b>
* Common for All Plant & Mines		

Ambuja Cement Foundation - Ambujanagar							
Details for programme wise expenditure for the year April 2019 to Sept. 2019							
Sr.No	Programme	ACF - ACL	*Funds received through Government	** Funds from other Donors / Donor Agencies	***People's Contribution	****Direct Funding to Communities	Total Exp. (Rs. In lakhs)
<b>GUJARAT - Kodinar</b>							
1	Water Resource Mangement & Drinking Water Projects						
	a.Water Resource Development	23.09	--	--	--	--	23.09
	B .Drinking Water Programme	18.70	--	--	2.40	--	21.10
	C. Salinity Prevention (KVY III)	--	--	--	--	--	0.00
2	Agriculture Development( Farm Forestry &Afforesation)	21.31	--	5.09	54.35	70.66	151.41
3	BCI	3.78	--	76.91	7.03	8.33	96.05
4	Krishi Vigyan Kendra (KVK) - Agriculture	2.36	53.22	--	--	--	55.58
5	Health & Sanitation	11.17	--	--	8.12	13.92	33.21
6	Women / Youth Development	6.15	--	--	--	--	6.15
7	Skill and Enterprunership Development Programme	12.24	--	81.00	7.13	--	100.37
8	Integrated Community Development Programme	50.02	--	--	--	--	50.02
9	Co-ordination & Administration Expenses	8.93	--	--	--	--	8.93
10	Non Plan	--	--	--	--	--	0.00
	<b>TOTAL</b>	<b>157.75</b>	<b>53.22</b>	<b>163.00</b>	<b>79.03</b>	<b>92.91</b>	<b>545.91</b>

(xii)	The project authorities should inform to the Regional Office located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	<ul style="list-style-type: none"> <li>Informed vide letter 16.07.2005 and first compliance report was submitted on 26.07.2006.</li> </ul>
(xiii)	The Regional Office of this Ministry located at Bhopal 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.	<ul style="list-style-type: none"> <li>Point noted and being complied. Full support and co-operation is being extended during the visit of officers from Ministry of Environment &amp; Forest, CPCB as well as GPCB</li> </ul>
(xiv)	The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance 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 Bhopal, the respective Zonal Office of Central Pollution Control Board the State Pollution	<ul style="list-style-type: none"> <li>Half yearly compliance status report is being regularly submitted to MoEF Bhopal &amp; Central Pollution Control Board. Last submission was on 30.05.2019 vide letter No . ACL/EMD/F-16/2019/1062.</li> </ul>

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	Control Board. The proponent shall upload the status of compliance of the environmental clearance 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, Bhopal, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board.	
(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.	<ul style="list-style-type: none"> <li>• A copy of clearance letter has been sent to Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body as applicable.</li> </ul>
(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.	<ul style="list-style-type: none"> <li>• GPCB is the concern authority for the same.</li> </ul>
(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 environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Bhopal by e-mail.	<ul style="list-style-type: none"> <li>• Environmental statement is being regularly submitted to concern authority for each financial year. Last Environment Statement submitted on 22.09.2018 vide letter no. ACL/EMD/F22/2018/930.</li> </ul>

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(xviii)	The project authorities should advertise at least in two local newspapers of the District or State in the project is located and 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 <a href="http://envfor.nic.in">http://envfor.nic.in</a> and a copy of the same should be forwarded to the Regional Office of this Ministry located at Bhopal.	<ul style="list-style-type: none"> <li>Point noted and complied.</li> </ul>
7	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	<ul style="list-style-type: none"> <li>Point noted</li> </ul>
8	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.	<ul style="list-style-type: none"> <li>All the conditions mentioned in the EC are being complied with .</li> </ul>
9	The above conditions will be enforced inter-alia, 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 made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court of Gujarat and any other Court of Law relating to the subject matter.	<ul style="list-style-type: none"> <li>All stipulations under Water (Prevention and Control of pollution) Act, 1974, the Air (Prevention and control of Pollution) Act 1981, the Environment Protection Act, 1986, Hazardous waste Rules, 1989 are being complied.</li> <li>Hazardous waste being stored at designated place and collection and transportation is being done by state pollution control board authorized recyclers for recycling purpose</li> </ul>



# Ambuja Cement Foundation ( Unit: Ambujanagar, Kodinar, Gujarat)

## Key Performance Indicators up to Sept. 2019

Sr. No	Details of Work/activities	Unit	Cummulative up to 2018-19	Achievements during 2019-20 (Sept. 19)	Cummulative up to 2019-20 (Sept. 19)
<b>1A</b>	<b>Water Resources Management and Drinking Water Projects</b>				
	a. Checkdam construction / Renovation	No	222	3	225
	c. Well Recharging / Percolation well	No	1268	0	1268
	d. Ponds Construction / Renovation	No	119	0	119
	e. Link Channels / Canals construction	Km	67.29	0	67.29
	f. Water Storage Tank / Farm Ponds	No	734	0	734
	g. Total surface water harvested	MCM	38.24	0.49	38.73
<b>B</b>	<b>Drinking Water Projects</b>				
	a. RRWS Construction	No	3909	20	3929
	b. Drinking water wells / Bore wells / Renovation of Saline Wells	No	119	0	119
	c. Overhead / Cistern Tank construction/underground sump	No	25	0	25
	d. Community Based Drinking Water Project	No	58	0	58
<b>C</b>	<b>Soil and Water Conservation</b>				
	a. Area Treated ( Gully Control / Gabion / loose boulder structure / weir crates / Khadine	Ha	11876	0	11876
<b>2A</b>	<b>Agriculture Development</b>				
	a. Micro Irrigation system, Drip and Sprinklers	Acre	11848.66	303.02	12151.68
	No. of farmers covered	No	2580	88	2668
	No of units	No	326	0	326
	No of families		299	0	299
	d. Training & Exposure visits	No	5900	469	6369
	Farmers trained	No	177463	43623	221086
	e. Vermi / NADEP Composting	No	158	0	158
	g. Aquaculture	No	120	0	120
	i. Seed Production programme	Acre	1166	0	1166
	j. Better Cotton Initiative - Area covered	Acre	34677	111698	146375
	- Farmers covered	No	26222	8504	34726
	k. Farmer producer organization	No	1	0	1
	l. No of members	No	1811	0	1811
<b>B</b>	<b>Farm Forestry and Afforestation</b>				
	a. Horticulture Plantation	Acre	12215.075	409.27	12624.345
	No of plants	nos	904112	22086	926198
	b. Agro-Farm Forestry	Acre	5391.01	0	5391.01
	c Afforestation	Acre	17.77	0	17.77
	d. Avenue plantation / Roadside plantation	Km	8.68	0	8.68
<b>3</b>	<b>Animal Husbandry Programme</b>				
	a. Cattle Health Camps	No	223	0	223
	Cattles Treated	No	174541	0	174541
	Cattle Immunised	No	26066	0	26066
	b. Fodder Demonstrations	Acre	2571.1	0	2571.1
	c. Artificial Insemination	No	49123	0	49123
	d. Integrated cattle feeding system	No	1394	0	1394
	e. Dairy co-operatives formed	No	1	0	1
	g. No of families benefited by AH programme		10463	0	10463
<b>4</b>	<b>Non Conventional Energy</b>				
	a. Biogas Plants	No	526	0	526
	b. Smokeless Chullahs	No	4671	0	4671
<b>5</b>	<b>Education Development</b>				
	b. School / Anganwadi (Balwadi )Support Programme	No	19	0	19
	h. Village / School Library	No	3	0	3
	i. Village Knowledge Centre / Computer education	No	3	0	3
	j. Adolescent Education Programme	No	4	0	4
	l. Students training / exposure visits	No	157	0	157
	n. Schools benefited	No	52	0	52
	o.No of students benefited under Education Development		8482	0	8482

<b>7</b>	<b>Health and sanitation Programme</b>				
	a. No of camps organised (include all general and speciality health camps)	No	334	10	344
	Patients benefited	No	58669	1915	60584
	b. Villages benefited under mobile & weekly dispensary	No	22	0	22
	Patients treated	No	350102	0	350102
	c. Sakhis (Village Health Functionaries)	No	19	0	19
	d. Villages covered by Sakhis / Patients treated by Sakhis	No	14	0	14
	No of Patients treaded		32828	1324	34152
	e. Khelwadi sessions conducted by Sakhis	No	3611	0	3611
	f. Health intervention trainings done (include trainings of Sakhis / Govt. health fuctionerries)	No	36	7	43
	Participants in trainings	No	1089	197	1286
	g. Construction of Toilet Blocks / Sulabh Sauchalaya / Soak Pits	No	10900	123	11023
	h. Villages where Total Sanitation Campaign initiated	No	208	13	221
	i. No of Village Health Sanitation Committees activated	No	73	0	73
<b>8A</b>	<b>HIV/AIDS Awareness Programme ( Community )</b>				
	h. No of people benefited	No	138828	0	138828
<b>B</b>	<b>Workplace Programme</b>				
	a. Awareness session for Staff / Families / contract staff / laboures / Truckers / Students / Rural community	No	10818	0	10818
	b. Master Trainers / peer educators		64	0	64
<b>9</b>	<b>Skill and Entrepreneurship Development Programme - Ambujanagar &amp; Rajula</b>				
	a. No of institute	No	2	0	2
	b. No of batches / courses	No	221	25	246
	c. Entrepreneurs trained under SEDI / ITI	No	4348	476	4824
	d. No of trainees placed	No	3554	309	3863
	e. No of trainees persuing (Continuation)			601	601
<b>10</b>	<b>Women and Youth Development</b>				
	a. No of SHG formed	No	600	40	640
	No of members	No	7413	437	7850
	b. Training & Exposure (women)	No	1058	62	1120
	No of participants	No	35888	1822	37710
	c. Training & Exposure (Youth)		81	0	81
	No of participants	No	4823	0	4823
	d. No of Federations Formed	No	1	0	1
<b>11</b>	<b>Rural Infrastructure Development Programme</b>				
	a. Construction of Common Pathways / Village Roads	No / Mtrs	81387.4	1670	83057.4
	b. Street Light installation	No	97	130	227
	c. Drainage construction	Mtrs	1075	0	1075
	d. Crematorium / Ghats construction/ Drinking water facilities	No	31	0	31
	e. Community Centre construction / School classroom	No	119	5	124
	f. Support for Social and Cultural Events	No	300	8	308
	g. House repairing	No	0	0	0
	h. Construction of culverts / bridge	No	9	2	11
	j. Construction of new School / school repairing	No	3	0	3
	k. No of villages covered	No	69	0	69
	l.const.of compoundwall for common area	Rmt	920	140	1060
<b>12</b>	<b>Gir Forest Conservation project</b>				
	a. Construction of Parapet wall around wells to protect wild animals	No	1702	0	1702
<b>13</b>	<b>Krishi Vigyan Kendra - Kodinar</b>				
	a. No of villages covered	No	310	0	310
	b. No of farmers trained	No	120974	2607	123581
	c. No of technology transferred (FLD)	No	229	19	248
	d. No of technology tested (OFT)	No	83	5	88
<b>14</b>	<b>Over all coverage</b>				
	a.No of villages	No	409	101	510
	a.Approx No of People benefited	No	875088	167907	1042995
<b>15</b>	<b>KVY III programmes</b>				
	a. IPM,INM&IDM practice adopted	Acre	67757	0	67757
	b.Soil testing	Farmers	3389	0	3389
	c.Village information centre	Villages	36	0	36
	d. SMS base agri. information system 3 SMS/month	Farmers	31645	0	31645
<b>16</b>	<b>Community safety awarness programmes</b>				
	Community Safety	No	826	51	877
	Total participant in community safety	No	22365	3232	25597

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**Details Of Awards**

**26th Mine Environment & Mineral Conservation week 2018-19**

<b>Sr No</b>	<b>Theme and Award</b>
1	Overall Performance - RKBA Mines ( 1st Rank )
2	Systematic & Scientific Mining - RKBA Mines ( 1st Rank )
3	Reclamation & Rehabilitation - GALM ( 1st Rank), RKBA ( 3rd Rank)
4	Afforestation - RKBA Mines ( 3rd Rank )

**9th Metalliferous Mine Safety, Swachatta & Silicosis Awareness Week -2018**

<b>Sr No</b>	<b>Activity and Awards</b>
1	Haul Road Maintenance and Transportation - RKBA Mine (1st Rank)
2	Swachhata - RKBA Mine (2nd Rank)
3	Vocational Training & Statutory Record Maintenance - RKBA Mine (2nd Rank)