

Ambuja Cement

88959

REGD. A/D

ACL/EMD/F-16/2021/2347

17.05.2021

The Director,
Ministry of Environment, Forest and Climate Change (MoEF&CC),
Regional Office, Western Region,
"Kendriya Paryavaran Bhavan"
Link Road No.3, Ravi Shankar Nagar,
Bhopal - 462016, (M.P.)

Sub. : Half Yearly Compliance Status Report of Environmental Clearance of Singar Limestone Mines.


Ref. : Environmental Clearance No. J-11015/273/2007- IA.II (M) dated 12.05.2010

Sir,

We are pleased to submit herewith half yearly compliance status report (i.e. for the period of **(October'2020 to March'2021)** of Environmental Clearance No. J-11015/273/2007-IA.II (M) dated 12.05.2010 granted by MoEF&CC to **Singar Limestone Mines** of Ambuja Cements Ltd., located at village - Singar, Thordi & Barevala of Taluka - Sutrapada, District - Gir Somnath (Gujarat).

Thanking you,

Yours Faithfully,
For Ambuja Cements Ltd.


Singh Anand Prakash
Head-Environment

Encl.: As above.

Copy to:

- 1) **The Central Pollution Control Board (CPCB)**, Privesh Bhavan, Atmajyoti Ashram Rd, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara - 390023 (Gujarat).
- 2) **The Member Secretary, Gujarat Pollution Control Board (GPCB)**, Paryavaran Bhavan, Sector-10-A, Gandhinagar-382010.
- 3) **The 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

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

Corporate Office :
Elegant Business Park,
MIDC Cross Road 'B'
Off Andheri - Kurla Road, Andheri (E)
Mumbai - 400 059. Phone : (022) 4066700

MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS
Ministry of Environment, Forest and Climate Change
Western Regional Office (W), Bhopal.

Monitoring Report

Part-I

DATA SHEET

| | | | |
|----|---|---|---|
| 01 | Project type | : | Open Cast (Limestone) Mining |
| 02 | Name of the project | : | Singsar Limestone Mining Project |
| 03 | Clearance letter(s) / OM no. and date | : | J-11015/273/2007-IA.II (M), Dated 12.5.2010 |
| 04 | Location | : | |
| | a) District(s) | : | Gir Somnath |
| | b) State(s) | : | Gujarat |
| | c) Latitude | : | 20°47'38" to 20°50'01" N |
| | d) Longitude | : | 70°35'53" to 70°38'20" E |
| 05 | Address for correspondence | : | |
| | a) Address of concerned Project Chief Engineer (with pincode & telephone / telex / fax numbers). | : | Sh. Anupam Agrawal Manufacturing Cluster Head (W&S) 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 / Manager (with pincode / fax numbers). | : | Sh. Deepak Dhurde Manager (Mines) Ambuja Cements Ltd , PO : Ambujanagar - 362715 Taluka : Kodinar, District: Gir Somnath (Gujarat). Tel: 02795 - 232064 , Fax: 02795 - 220328/232032 |
| 06 | Salient features | : | |
| | a) of the project | : | Singsar Limestone Mining Lease is located at a distance of about 5.8 Kms from the Cement Plants located at Ambujanagar. |
| | b) of the environmental management plans | : | <ul style="list-style-type: none"> ❖ Mining operations doesn't involve drilling & blasting. Limestone excavation is being carried out by environment friendly Surface Miner supported by ripper dozer. ❖ Regular monitoring of environmental parameters is undertaken as per the norms of MoEF&CC and IBM. ❖ Preventive maintenance of deployed HEMM is undertaken regularly. ❖ Dust suppression by water sprinkling on haul roads are being done regularly in working area. ❖ Afforestation / Green belt development is being done along haul road and lease periphery. ❖ Mined-out areas will be converted to pasture land & also converted into water reservoir as per approved mining plan. ❖ Rural Development and Socio-economic activities is being undertaken in the project buffer zone area. |
| 07 | Breakup of the project area. | : | |
| | a) Submergence area (forest & non-forest) | : | Nil |
| | b) Others | : | 728.1156 ha (Government waste land, Gauchar land & Private land) |

| | | | |
|----|--|---|---|
| 08 | Breakup of the project affected population with enumeration of those losing houses / dwelling units only agricultural land only, both dwelling units & agricultural land & landless labourers / artisan. | : | Not applicable |
| | a) SC, ST / Adivasis | : | Not applicable |
| | b) Others | : | Not applicable |
| 09 | Financial details | | |
| | a) Project cost as originally planned and subsequent revised estimates and the year of price reference. | : | Project Cost : Rs.103 Cr 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. |
| | b) Allocation made for environmental management plans with item wise and year wise break-up. | : | Please refer |

| Expenditure incurred in Environment Management Plan - SINGAR MINES | | | Ambuja Cement Foundation - Ambujanagar | | | | | | |
|---|--|----------------|---|---------------------------------------|---------------------------------------|-----------------------------------|-----------------------------------|------------|--|
| | | | Details for programme wise expenditure for the year Oct. 2020 to March 2021 | | | | | | |
| | | | (Rs. In lakhs) | | | | | | |
| A. Capital Investment for Environmental Monitoring : | | | | | | | | | |
| S.No | Particulars | Cost (In Lacs) | ACF - ACL | *Funds received through Government | ** Funds from other Donors / Agencies | ***People's Contribution | ****Direct Funding to Communities | Total Exp. | |
| 1 | Monitoring Equipments | 37.08 | | | | | | | |
| 2 | Environment Laboratory | 10 | | | | | | | |
| 3 | Others (Monitoring Van, DG Sets etc. | 10 | | | | | | | |
| | Total (In Lacs INR) | 57.08 | | | | | | | |
| B. Recurring Expenditure for the period of October 2020 to March 2021 | | | | | | | | | |
| S.No | Particulars | Cost (In Lacs) | | | | | | | |
| 1 | Green belt development & Dust suppression | 148.31 | | | | | | | |
| 2 | Manpower Cost* | 28.14 | | | | | | | |
| 3 | House Keeping | 1.07 | | | | | | | |
| 4 | Other Env. Protection (Environmental Monitoring) | 1.67 | | | | | | | |
| 5 | Environment Awareness* | 0.30 | | | | | | | |
| | Total (In Lacs INR) | 179.50 | | | | | | | |
| * Expenditures are Common for All the Plants & Mines. | | | | | | | | | |
| Sr.No | Programme | ACF - ACL | *Funds received through Government | ** Funds from other Donors / Agencies | ***People's Contribution | ****Direct Funding to Communities | Total Exp. | | |
| | GUJARAT - Kodinar | | | | | | | | |
| 1 | Water Resource Mangement | | | | | | | | |
| | a.Water Resource Development | 7.15 | 7.49 | -- | -- | -- | | 14.64 | |
| | B .Drinking Water Programme | 8.26 | 6.12 | -- | | 6.00 | -- | 20.38 | |
| 2 | Agriculture Development | 14.71 | 10.30 | -- | | 101.69 | 132.07 | 258.77 | |
| 3 | BCI | 4.57 | -- | 109.31 | | 59.64 | 167.50 | 341.02 | |
| 4 | Krishi Vigyan Kendra (KVK) - Agriculture | 2.35 | 148.91 | -- | | -- | -- | 151.26 | |
| 5 | Health & Sanitation | 10.18 | -- | -- | | 70.59 | -- | 80.77 | |
| 6 | Education Programme | 12.12 | -- | -- | | -- | -- | 12.12 | |
| 7 | Women / Youth Development | 5.55 | -- | 5.00 | | -- | -- | 10.55 | |
| 8 | Skill and Enterprunership Development Programme | 16.08 | 24.63 | -- | | 12.78 | -- | 53.49 | |
| 9 | Integrated Community Development Programme | 68.21 | -- | -- | | -- | -- | 68.21 | |
| 10 | Co-ordination & Administration Expenses | 45.45 | -- | -- | | -- | -- | 45.45 | |
| 11 | Capital Expenditure | 1.25 | -- | -- | | -- | -- | 1.25 | |
| | TOTAL | 195.88 | 197.45 | 114.31 | 250.70 | 299.57 | 1057.91 | | |

| | | | |
|----|---|---|---|
| | c) Benefit cost ratio / Internal rate of return 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. | : | Yes |
| | e) Actual expenditure incurred on the project so far. | : | 18.65 Cr. |
| | f) Actual expenditure incurred on the environmental management plans so far. | : | 6.51 Cr. |
| 10 | Forest land requirement. | : | |
| | a) The status of approval for diversion of forest land for non-forestry use | : | The Project area dose not comprise of any forest land |
| | b) The status of clearing felling | : | Not applicable |
| | c) The status of compensatory afforestation, if any | : | Not applicable |
| | d) Comments on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far. | : | Not applicable |

| | | | |
|----|--|---|---|
| 11 | The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information. | : | Not applicable |
| 12 | Status of construction | : | |
| | a) Date of commencement (Actual and / or planned) | : | February 2012 |
| | b) Date of completion (Actual and / or planned). | : | Not applicable. As it is ongoing captive mining Project for cement plant located at Ambujanagar. |
| 13 | Reasons for the delay if the project is yet to start. | : | Not applicable. |
| 14 | Dates of site visits | : | |
| | a) The dates on which the project was monitored by the Regional Office on previous occasions, if any. | : | 12.10.10 to 13.10.10 by Dr. A. Mehrotra MoEFCC , Regional Office, Bhopal |
| | 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) | : | <ul style="list-style-type: none"> Half yearly compliance status report is being regularly submitted and last submission was on 03.11.2021 vide letter No. ACL/EMD/F-16/2020/2231/88131. |

Compliance Status of Environment Clearance issued to Singar Limestone Mines
Vide MoEF&CC Letter No: J-11015/273/2007-IA.II (M) dated 12th May, 2010

| S N | Condition | Compliance Status |
|------|---|--|
| i | The project proponent shall obtain consent to establish and consent to operate from the Gujarat State Pollution Control Board and effectively implement all the conditions stipulated therein. | <ul style="list-style-type: none"> Consent to establish & Consent to operate has been granted by Gujarat Pollution Control Board vide CTE No. 39140 dated 29.10.2010, vide letter no. GPCB/ID29262/CTE/CCA-NG/288/62147 & CCA No.AWH-109029 dated 16.07.2020, vide letter no. GPCB/ID-29262/CCA/JNG-288(3)/566821 , Valid up to 15/07/2025 respectively. All the stipulated conditions are being effectively complied. |
| 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"> Point noted and being complied. The revenue land on which mining is being done has been converted in to non-agricultural use from State Land use dept. Government of Gujarat. |
| 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"> Industries and Mines Dept. Govt. of Gujarat have granted lease grant order vide order no. MCR-112000-CHH-1 dated 18.10.2011. |
| iv | The project proponent shall develop alternate grazing land/fodder plots in the non-mineralized area for use of grazing land. | <ul style="list-style-type: none"> Pasture land will be developed outside mine lease area, on getting clearance from various authorities. |
| v | The mine working shall be restricted to one meter above pre-monsoon ground water table level and without resorting to any pumping of groundwater. | <ul style="list-style-type: none"> Mining is being done above premonsoon ground water table. No pumping of ground water during mining is carried out. |
| vi | No pumping of groundwater shall be done for any purpose in the mine lease area. | <ul style="list-style-type: none"> No pumping of ground water in the mine lease area done till date. |
| vii | The project proponent shall ensure that no natural watercourse and/or water resources shall be obstructed due to any mining operations. | <ul style="list-style-type: none"> It is being ensured that during mining operations that the natural water course will not be obstructed by any mining activity. |
| viii | The project proponent shall effectively implement the conditions made by the Chief Wildlife Warden and Principal Chief Conservator of Forests, Gandhinagar vide their letter No.WLP/325/32/A/141-42/2009-10 dated 27.05.2009. | <p>Compliance Status is as under.</p> <ul style="list-style-type: none"> Mining is being done using eco-friendly, blast free Surface Miner Machine. Regular water sprinkling is being done in mining area and roads. Parameter of air and water are being maintained within prescribed norms. Development of the Green belt is under progress in periphery of lease area with respect to approved mine plan. Development of Appropriate parapet bund is under progress around mining pits as per mining plan. Mines will be suitably reclaimed as per mining plan. |
| ix | 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 plantation and green belt development. | <ul style="list-style-type: none"> A very thin layer of top soil is available. Generated top soil is being stacked separately and systematically in the earmarked site with appropriate measures. Road side bunds are made from poor grade material. Top soil is used for land reclamation plantation and greenbelt development. |

**Compliance Status of Environment Clearance issued to Singar Limestone Mines
Vide MoEF&CC Letter No: J-11015/273/2007-IA.II (M) dated 12th May, 2010**



TOP SOIL IS USED FOR GREENBELT AND PASTURE LAND DEVELOPMENT

| | | |
|-----|--|--|
| x | <p>Catch drains and siltation ponds of appropriate size should be constructed for the working pit to arrest flow of silt and sediment directly into the agricultural fields, rivers and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly de-silted particularly after the monsoon and maintained properly. Garland drain (size, gradient and length) shall be constructed for the mine pit to prevent run off of water and flow of sediments directly into the agricultural fields rivers and other water bodies and sump capacity should be 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 de-silted at regular intervals.</p> | <ul style="list-style-type: none"> • Mining Pits are interconnected with each other and excess water from one pit passes to bigger pits and at no time all pits are completely filled so excess water goes to nallah. However necessary arrangements are made to cater the situation and proper catch drains with siltation ponds are made. |
| xii | <p>The entire excavated area of 650.94ha left unfilled shall be converted into water body. The higher benches of excavated void/mining pit shall be terraced and plantation done to stabilize the slopes. The slope of higher benches shall be made gentler for easy accessibility by local people to use the water body. Peripheral fencing shall be carried out along the excavated area.</p> | <ul style="list-style-type: none"> • Excavated area is being converted in to water bodies as per approved mining plan from IBM. • 2180.8 meters of Fencing has been done from October'2020 to March'2021. Cumulative Fencing done is 57359.38 meters. |



Excavated area is being converted in to water bodies as per approved mining plan

**Compliance Status of Environment Clearance issued to Singar Limestone Mines
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Barbed Wire fencing around the Excavated area



Brick Wall Fencing around the Excavated area

- | | |
|--|--|
| <p>xiii Plantation shall be raised in an area of 72.68 ha including a 7.5m wide green belt in the safety zone around the mining lease, around the water body, reclaimed area, mine benches, along the roads etc. by planting the native species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 1500 plants per ha.</p> | <ul style="list-style-type: none"> Till March 2021, 2.3081 ha area is covered under plantation and green belt development. Details of greenbelt/reclamation are enclosed as under. |
|--|--|



**Compliance Status of Environment Clearance issued to Singar Limestone Mines
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Regular Plantation Drives are taken as per Progressive Mining Plan

| | | |
|-----|--|---|
| xiv | 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 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"> Regular water sprinkling through water tanker is in practice at mine lease area and on haul roads to control air borne dust. Ambient air quality parameters are being maintained within norms prescribed by CPCB. Report is Attached in Point No. (xxix) |
| 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"> Rainwater harvesting measures to augment ground water resources in the area is being done by Ambuja Cement Foundation (ACF). Glimpses about ACF & community development work done by ACF in surrounding areas are enclosed as under. |

| Ambuja Cement Foundation - Ambujanagar Details for programme wise expenditure for the year Oct. 2020 to March 2021 (Rs. In lakhs) | | | | | | | |
|---|--|---------------|------------------------------------|---|--------------------------|-----------------------------------|----------------|
| Sr.No | Programme | ACF - ACL | *Funds received through Government | ** Funds from other Donors / Donor Agencies | ***People's Contribution | ****Direct Funding to Communities | Total Exp. |
| 1 | GUJARAT Kodinar Water Resource Management | | | | | | |
| | A. Water Resource Development | 7.15 | 7.49 | | | | 14.64 |
| | B. Drinking Water Programme | 8.26 | 6.12 | -- | 6.00 | -- | 20.38 |
| 2 | Agriculture Development | 14.71 | 10.30 | | 101.69 | 132.07 | 258.77 |
| 3 | BCI | 4.57 | -- | 109.31 | 59.64 | 167.50 | 341.02 |
| 4 | Krishi Vigyan Kendra (KVK) - Agriculture | 2.35 | 148.91 | -- | -- | -- | 151.26 |
| 5 | Health & Sanitation | 10.18 | -- | -- | 70.59 | -- | 80.77 |
| 6 | Education Programme | 12.12 | -- | -- | -- | -- | 12.12 |
| 7 | Women / Youth Development | 5.55 | -- | 5.00 | -- | -- | 10.55 |
| 8 | Skill and Entrepreneurship Development Programme | 16.08 | 24.63 | -- | 12.78 | -- | 53.49 |
| 9 | Integrated Community Development Programme | 68.21 | -- | -- | -- | -- | 68.21 |
| 10 | Co-ordination & Administration Expenses | 45.45 | -- | -- | -- | -- | 45.45 |
| 11 | Capital Expenditure | 1.25 | -- | -- | -- | -- | 1.25 |
| | TOTAL | 195.88 | 197.45 | 114.31 | 250.70 | 299.57 | 1057.91 |

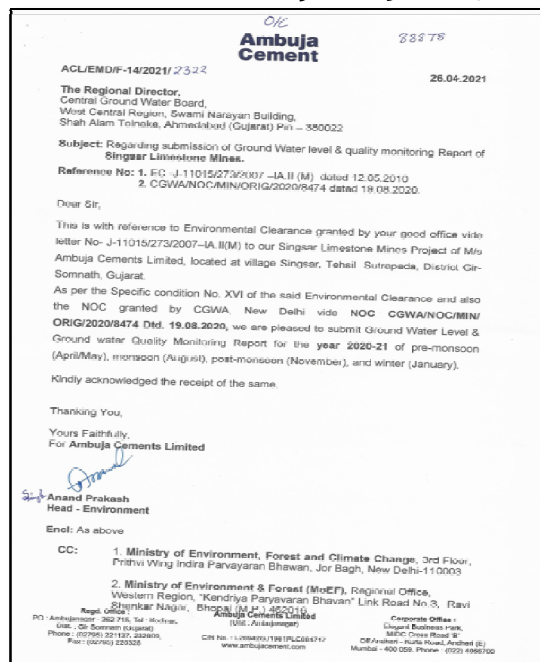
| | | |
|-----|--|--|
| xvi | Regular monitoring of ground water level and quality shall be carried out within the mine lease and in the surrounding area (upto 5 km of the mine lease) by establishing a network of groundwater monitoring stations (existing wells and installing new piezometers) during the 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 | <ul style="list-style-type: none"> Complied. Water quality testing is carried out with the help of MoEF&CC certified third party laboratory as per prescribed schedule. Water levels are being recorded in 10 open wells of buffer zone and 2 piezometers are constructed in mines area core zone. Data collected is being communicated regularly to CGWA, New Delhi, MoEF&CC Regional office (SEZ) Bhopal, CGWB Regional Director Gandhinagar. Ground water level & quality monitoring is being |
|-----|--|--|

Compliance Status of Environment Clearance issued to Singar Limestone Mines

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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 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.

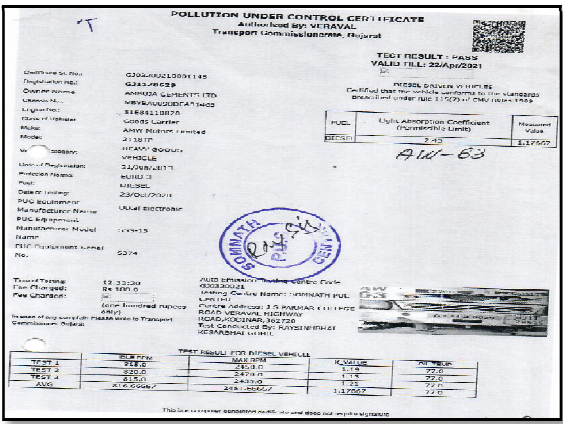
done regularly by establishing a network of ground water monitoring stations. Report is submitted to MoEF&CC regional office Bhopal , CGWA , CGWB and GPCB on yearly basis.: **Last submitted on 26.04.2021 vide letter no ACL/EMD/F-9/2021/2322/88878.**



| Feb-21 Ground Water Quality Report and Water Level of Singar Limestone Mines | | | | | | | | | | |
|--|---------------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Ref.No. | IS 10500:2012 (S.R) | | Well Water | | | | | | Piezometers | |
| | Desirable | Permissible | W1 | W3 | W4 | W7 | W8 | W10 | PIEZO NO-1 | PIEZO NO-2 |
| Source | | | SINGSAR | SINGSAR | SINGSAR | SINGSAR | SINGSAR | SINGSAR | SINGSAR | SINGSAR |
| Village | | | SUTRAPADA | SUTRAPADA | SUTRAPADA | SUTRAPADA | SUTRAPADA | SUTRAPADA | SUTRAPADA | SUTRAPADA |
| Taluka | | | GIR-SOMNATH | GIR-SOMNATH | GIR-SOMNATH | GIR-SOMNATH | GIR-SOMNATH | GIR-SOMNATH | GIR-SOMNATH | GIR-SOMNATH |
| District | | | | | | | | | | |
| Color Hazen Units | 5 | 15 | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Odour | Agreeable | Agreeable | Agreeable | Agreeable | Agreeable | Agreeable | Agreeable | Agreeable | Agreeable | Agreeable |
| Turbidity NTU | 1 | 5 | 0.17 | 0.07 | 0.23 | 0.19 | 0.67 | 0.07 | 0.08 | 0.22 |
| Dissolved Solids mg/l | 500 | 2000 | 1142 | 3392 | 29662 | 3608 | 2246 | 1164 | 1336 | 1612 |
| Conductivity - us/cm | | | 1873 | 5563 | 4858 | 5917 | 3683 | 1893 | 2191 | 2644 |
| pH | 6.5 to 8.5 | No Relaxation | 7.99 | 7.05 | 6.94 | 7.04 | 7.13 | 7.43 | 7.39 | 7.99 |
| Total Hardness (as CaCO3) mg/l | 200 | 600 | 512 | 1236 | 1292 | 1456 | 940 | 480 | 640 | 740 |
| Calcium (as Ca) mg/l | 75 | 200 | 102 | 246 | 258 | 290 | 189 | 96 | 128 | 147 |
| Magnesium (as Mg) mg/l | 30 | 100 | 62 | 151 | 157 | 178 | 114 | 58 | 78 | 90 |
| Chlorides (as Cl) mg/l | 250 | 1000 | 332 | 1296 | 940 | 1260 | 732 | 352 | 360 | 468 |
| Sulphates (as SO4) mg/l | 200 | 400 | 82 | 183 | 207 | 234 | 151 | 77 | 103 | 119 |
| Nitrates (as NO3) mg/l | 45 | No Relaxation | 26.60 | 6.00 | 30.30 | 5.20 | 33.70 | 44.80 | 28.90 | 28.30 |
| Fluorides (as F) mg/l | 1 | 1.5 | 1.73 | 1.68 | 0.98 | 0.88 | 1.34 | 2.13 | 1.82 | 1.65 |
| Alkalinity (as CaCO3) mg/l | 200 | 600 | 236 | 180 | 176 | 180 | 172 | 188 | 228 | 188 |
| Water Level (in meter) | | | 15.9 | 10.6 | 11.6 | 8.9 | 10.2 | 12.6 | 12.60 | 6.9 |
| Opinion for potability is given considering above 14 Test Parameters only. | | | | | | | | | | |

- | | | |
|-------|--|--|
| xvii | <p>The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) required for the project.</p> | <ul style="list-style-type: none"> There will be no withdrawal of ground water. Water requirement at initial stage were being from private water purchasing. As mines developed water requirement is met from harvested rain water in mined out pits. |
| xviii | <p>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.</p> | <ul style="list-style-type: none"> Rainwater harvesting measures to augment ground water resources in the area is being done by Ambuja Cement Foundation (ACF). Details of work done by ACF in nearby areas is enclosed as under. Descriptive Annexure is also attached as Annexure-1 |

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| Ambuja Cement Foundation - Ambujanagar | | | | | | | |
|---|---|--|------------------------------------|---|--------------------------|-----------------------------------|----------------|
| Details for programme wise expenditure for the year Oct. 2020 to March 2021 | | | | | | | |
| | | | | | | | (Rs. In lakhs) |
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| 8 | Skill and Enterprunership Development Programme | 16.08 | 24.63 | -- | 12.78 | -- | 53.49 |
| 9 | Integrated Community Development Programme | 68.21 | -- | -- | -- | -- | 68.21 |
| 10 | Co-ordination & Administration Expenses | 45.45 | -- | -- | -- | -- | 45.45 |
| 11 | Capital Expenditure | 1.25 | -- | -- | -- | -- | 1.25 |
| | TOTAL | 195.88 | 197.45 | 114.31 | 250.70 | 299.57 | 1057.91 |
| xix | Appropriate mitigative measures shall be taken to prevent pollution of Somat River, Singoda River and Saraswati River in consultation with the State Pollution Control Board. | <ul style="list-style-type: none"> These rivers are far off from the project area, State Pollution Control Board will be consulted, if required. | | | | | |
| xx | 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"> Vehicular emissions are being checked & monitored regularly. Detail of P.U.C certificate by Somnath P.U.C Center (Approved by : Veraval transport commissionerate, Gujarat) is enclosed as under: | | | | | |
| | |  | | | | | |
| | | <ul style="list-style-type: none"> All vehicles used for transportation of raw materials are being covered properly & Not Over loaded. | | | | | |
| xxi | Drilling and blasting operation shall not be carried out. | <ul style="list-style-type: none"> Drilling & Blast free fully mechanized Surface Miner machine is being used for mining. | | | | | |
| xxii | Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring land use pattern and report submitted to the Ministry of Environment and Forests and its Regional Office located at Bhopal. | <ul style="list-style-type: none"> We carry out digital processing of the entire lease area once in every three year. Year 2019 report has been submitted to MoEF&CC, New Delhi and its Regional Office Bhopal on 02.03.2020 vide letter no ACL/EMD/F-14/2020/2094/87094. | | | | | |

**Compliance Status of Environment Clearance issued to Singar Limestone Mines
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| | | |
| xxiii | Land oustees and land losers/affected people should be rehabilitated as per the National Policy on Resettlement and Rehabilitation of project Affected Families (NPRR). | <ul style="list-style-type: none"> There is no permanent structure within the mine premises and compensation for land looser is being done as per rate defined in national R&R policy. |
| xxiv | Mineral handling area shall be provided with 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"> There is no mineral handling plant at Mine site. Mineral extracted is being transported to cement plant by tippers/truck tipplers, which is being covered with suitable covering mechanism for prevention of fugitive emission. |
| xxv | 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"> Sewage treatment plant of a capacity 1500 KLD has already been installed & operational at Ambujanagar. No additional colony has been developed at project site. Oil & Grease Separator workshop for capturing of oil & grease from waste used. There is no requirement of ETP. |
| xxvi | The project authorities should undertake sample survey to generate data on pre-project community health status within a radius of 1 km from proposed mine. | <ul style="list-style-type: none"> Pre-project community health status report has already been submitted to MoEF&CC vide our submission dated 25.12.2010 vide letter no.ACL/EMD/F-16/2010. |
| xxvi i | 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"> Pre-placement medical examination and periodical medical examination of the worker men engaged is being regularly carried out at our all existing plant and mines by team of doctors at our occupational health center & Ambuja Multi speciality Hospital; Ambujanagar. |
| xxvi ii | Provision shall be made for the housing of constructions 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, crèche 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"> All the operators and competent person resides in our existing colony at Ambujanagar, Kodinar. There is no project work at mines area this no such requirement. Whenever such requirement will be generated provision will be set up. |
| xxix | The critical parameters such as RSPM (Particulate matter with size less than 10µm i.e., PM10), NOX 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 | <ul style="list-style-type: none"> Air quality monitoring and water quality monitoring is being done regularly and report is submitted to GPCB & MoEF&CC. Results of Air & Water quality monitoring is being uploaded on the website of the company as well as displayed on display board at the project site near mine office. The Ambient Air Quality monitoring results for the period April'2020 to September'2020 for PM2.5, PM10, SO2, NOx and CO are enclosed as under : |

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| 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. | |
|--|--|

| Ambient Air Quality Monitoring Results (October 2020- March 2021) | | | | | | | | | | | | | | | | | | | | |
|--|------------------|-----------------|----------------|----------------|---------------|-------------------|-----------------|----------------|----------------|---------------|------------------|-----------------|----------------|----------------|---------------|------------------|-----------------|----------------|----------------|---------------|
| Month | Singar Mines | | | | | Working Area | | | | | Eastern Boundary | | | | | West Boundary | | | | |
| Unit > | PM2.5 (µg/m³) | PM10 (µg/m³) | SO2 (µg/m³) | NOx (µg/m³) | CO (mg/m³) | PM2.5 (µg/m³) | PM10 (µg/m³) | SO2 (µg/m³) | NOx (µg/m³) | CO (mg/m³) | PM2.5 (µg/m³) | PM10 (µg/m³) | SO2 (µg/m³) | NOx (µg/m³) | CO (mg/m³) | PM2.5 (µg/m³) | PM10 (µg/m³) | SO2 (µg/m³) | NOx (µg/m³) | CO (mg/m³) |
| Oct-20 | 22.3 | 41.6 | 12.3 | 14.6 | DDL | 24.6 | 43.5 | 10.7 | 13.4 | DDL | 27.6 | 39.6 | 11.8 | 13.9 | DDL | 22.9 | 44.8 | 12.4 | 15.2 | DDL |
| | 28.5 | 41.5 | 11.5 | 15.8 | NDI | 24.6 | 39.6 | 12.2 | 15.1 | NDI | 26.5 | 41.2 | 11.8 | 14.9 | NDI | 28.8 | 43.5 | 10.9 | 18.0 | NDI |
| Nov-20 | 31.1 | 50.2 | 12.1 | 20.2 | BDL | 29.5 | 49.8 | 10.9 | 19.7 | BDL | 30.2 | 43.5 | 12.4 | 21.3 | BDL | 29.4 | 46.7 | 11.9 | 20.2 | BDL |
| | 28.8 | 48.6 | 11.9 | 13.9 | BDI | 30.5 | 49.8 | 10.6 | 15.0 | BDI | 26.5 | 51.5 | 11.8 | 14.0 | BDI | 27.8 | 45.5 | 12.2 | 13.5 | BDI |
| Dec-20 | 27.8 | 49.5 | 11.7 | 16.2 | BDL | 31.9 | 51.2 | 9.8 | 17.0 | BDL | 33.1 | 50.9 | 11.2 | 15.2 | BDL | 29.8 | 48.7 | 12.4 | 14.9 | BDL |
| | 29.1 | 50.2 | 12.6 | 15.2 | BDL | 33.5 | 51.4 | 9.8 | 16.1 | BDL | 29.4 | 48.9 | 10.7 | 17.2 | BDL | 30.8 | 50.8 | 9.6 | 14.5 | BDL |
| Jan-21 | 28.5 | 50.8 | 11.8 | 15.2 | BDL | 30.2 | 48.6 | 13.1 | 17.2 | BDL | 31.8 | 47.5 | 12.5 | 16.1 | BDL | 27.9 | 51.2 | 10.8 | 14.8 | BDL |
| | 30.5 | 50.2 | 12.1 | 16.2 | BDL | 29.6 | 49.6 | 13.5 | 14.8 | BDL | 28.5 | 46.5 | 12.6 | 16.4 | BDL | 26.7 | 52.2 | 11.6 | 15.4 | BDL |
| Feb-21 | 26.8 | 47.6 | 12.5 | 14.8 | BDL | 32.5 | 44.4 | 11.8 | 15.5 | BDL | 31.1 | 50.2 | 12.5 | 17.1 | BDL | 30.3 | 48.6 | 11.1 | 16.2 | BDL |
| | 28.8 | 49.2 | 11.8 | 14.8 | BDL | 31.6 | 50.8 | 13.9 | 16.2 | BDL | 33.5 | 52.5 | 12.8 | 17.1 | BDL | 29.4 | 51.9 | 10.8 | 14.9 | BDL |
| Mar-21 | 30.2 | 53.2 | 9.6 | 14.7 | BDL | 26.9 | 46.0 | 11.2 | 10.4 | BDL | 28.5 | 48.2 | 10.8 | 14.8 | BDL | 32.5 | 51.9 | 12.2 | 16.5 | BDL |
| | 31.3 | 45.8 | 10.9 | 15.2 | BDL | 29.4 | 50.2 | 12.5 | 17.0 | BDL | 26.4 | 47.9 | 11.7 | 15.5 | BDL | 32.5 | 51.6 | 9.9 | 16.2 | BDL |
| Month | Khera village | | | | | Moradpura village | | | | | Barevala Village | | | | | Thordi Village | | | | |
| Unit > | PM2.5 (µg/m³) | PM10 (µg/m³) | SO2 (µg/m³) | NOx (µg/m³) | CO (mg/m³) | PM2.5 (µg/m³) | PM10 (µg/m³) | SO2 (µg/m³) | NOx (µg/m³) | CO (mg/m³) | PM2.5 (µg/m³) | PM10 (µg/m³) | SO2 (µg/m³) | NOx (µg/m³) | CO (mg/m³) | PM2.5 (µg/m³) | PM10 (µg/m³) | SO2 (µg/m³) | NOx (µg/m³) | CO (mg/m³) |
| Oct-20 | 28.8 | 40.2 | 12.4 | 15.9 | BDL | 27.6 | 39.6 | 11.6 | 15.4 | BDL | 25.8 | 44.5 | 12.7 | 15.3 | BDL | 21.2 | 40.5 | 12.1 | 13.8 | BDL |
| | 24.6 | 50.2 | 12.1 | 15.3 | NDI | 29.5 | 47.4 | 10.8 | 13.5 | NDI | 22.6 | 42.5 | 10.8 | 14.2 | NDI | 23.3 | 41.5 | 11.0 | 13.9 | NDI |
| Nov-20 | 26.4 | 52.2 | 11.5 | 17.2 | DDL | 31.8 | 50.8 | 10.8 | 16.5 | DDL | 29.9 | 50.9 | 12.3 | 15.5 | DDL | 26.6 | 45.6 | 11.8 | 18.3 | DDL |
| | 29.5 | 50.1 | 11.5 | 15.1 | NDI | 28.1 | 47.2 | 11.4 | 13.8 | NDI | 29.8 | 51.9 | 10.6 | 14.8 | NDI | 27.5 | 50.5 | 11.8 | 14.9 | NDI |
| Dec-20 | 30.4 | 47.8 | 9.6 | 15.2 | BDL | 27.5 | 52.5 | 11.4 | 15.2 | BDL | 30.3 | 53.0 | 10.8 | 14.2 | BDL | 27.9 | 50.7 | 12.1 | 15.2 | BDL |
| | 30.7 | 47.5 | 13.1 | 17.2 | BDI | 27.6 | 50.9 | 9.8 | 14.2 | BDI | 32.1 | 47.5 | 11.9 | 16.0 | BDI | 28.5 | 53.2 | 10.8 | 15.5 | BDI |
| Jan-21 | 30.5 | 47.8 | 13.1 | 16.1 | BDL | 33.5 | 51.8 | 11.1 | 15.2 | BDL | 30.2 | 48.8 | 12.9 | 15.8 | BDL | 28.9 | 47.5 | 11.0 | 15.9 | BDL |
| | 30.5 | 49.5 | 9.8 | 14.8 | BDL | 29.8 | 50.1 | 11.2 | 15.2 | BDL | 33.2 | 46.5 | 11.8 | 14.1 | BDL | 31.8 | 51.8 | 10.6 | 15.8 | BDL |
| Feb-21 | 28.5 | 44.9 | 12.8 | 17.1 | BDL | 26.9 | 49.8 | 10.2 | 14.4 | BDL | 27.6 | 40.1 | 12.5 | 17.0 | BDL | 32.8 | 50.8 | 11.4 | 15.3 | BDL |
| | 29.4 | 52.3 | 12.2 | 15.5 | BDL | 25.8 | 46.1 | 10.8 | 14.9 | BDL | 27.8 | 50.5 | 10.9 | 16.1 | BDL | 27.2 | 53.1 | 11.5 | 14.8 | BDL |
| Mar-21 | 29.6 | 44.5 | 10.8 | 15.8 | BDL | 33.4 | 46.3 | 13.0 | 16.2 | BDL | 28.2 | 50.2 | 12.8 | 17.0 | BDL | 30.3 | 51.9 | 11.7 | 14.8 | BDL |
| | 32.8 | 44.8 | 12.4 | 14.9 | BDI | 29.4 | 52.1 | 11.1 | 15.4 | BDI | 30.3 | 51.4 | 10.7 | 14.3 | BDI | 25.1 | 47.6 | 12.1 | 16.3 | BDI |

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| xxx | The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely Asiatic Lion, Leopard, Indian Peafowl, Eurasian Spoonbill etc. spotted in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. All the safeguard measures brought out in the Wildlife Conservation Plan so prepared specific to the project site shall be effectively implemented. A copy of action plan shall be submitted to the Ministry of Environment and Forests and its Regional Office, Bhopal. | <ul style="list-style-type: none"> "Status of Biodiversity (Flora & Fauna) in core and buffer zone areas of Singar Limestone Mine Lease study area is prepared by "Gujarat Institute of Desert Ecology", Bhuj. The same has been submitted to MoEF&CC vide our submission dated 25.12.2010 vide letter no.ACL/EMD/F-16/2010. |
| xxxi | 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"> Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment, Forest and Climate Change (MoEF&CC) 5 years in advance of final mine closure for approval. |

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"> We are following the 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 & Climate Change. |
| ii | No change in the calendar plan including excavation, quantum of mineral limestone and waste should be made. | <ul style="list-style-type: none"> Point Noted & being complied. |

Compliance Status of Environment Clearance issued to Singar Limestone Mines Vide MoEF&CC Letter No: J-11015/273/2007-IA.II (M) dated 12th May, 2010

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| iii | <p>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 10µm i.e., PM₁₀), NO_x 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.</p> | <ul style="list-style-type: none"> Eight ambient air quality monitoring locations have been identified as directed and are being monitored as per CPCB/SPCB guidelines. Ambient air quality monitoring reports are enclosed as under: |
|-----|---|--|

| Ambient Air Quality Monitoring Results (October 2020- March 2021) | | | | | | | | | | | | | | | | | | | | |
|--|---------------|---------|---------|---------|---------|-------------------|---------|---------|---------|---------|------------------|---------|---------|---------|---------|-----------------|---------|---------|---------|---------|
| Month | Singar Mines | | | | | Working Area | | | | | Eastern Boundary | | | | | West Boundary | | | | |
| | PM2.5 | PM10 | SO2 | NOx | CO | 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) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) |
| Oct-20 | 22.3 | 11.6 | 12.3 | 14.6 | UUL | 24.6 | 43.5 | 10.7 | 13.4 | UUL | 27.6 | 39.6 | 11.8 | 13.9 | UUL | 22.9 | 44.8 | 12.4 | 15.2 | UUL |
| | 20.5 | 41.5 | 11.5 | 15.8 | UUL | 24.6 | 39.6 | 12.2 | 15.1 | UUL | 26.5 | 41.2 | 11.8 | 14.9 | UUL | 20.8 | 43.5 | 10.9 | 18.0 | UUL |
| Nov-20 | 31.1 | 50.2 | 12.1 | 20.2 | BDL | 29.5 | 49.8 | 10.9 | 19.7 | BDL | 30.2 | 43.5 | 12.4 | 21.3 | BDL | 29.4 | 46.7 | 11.9 | 20.2 | BDL |
| | 28.8 | 46.6 | 11.9 | 13.9 | BDL | 30.5 | 49.8 | 10.6 | 15.0 | BDL | 26.5 | 51.5 | 11.8 | 14.0 | BDL | 27.8 | 45.5 | 12.2 | 13.5 | BDL |
| Dec-20 | 27.8 | 40.5 | 11.7 | 16.2 | BDL | 31.0 | 51.2 | 9.8 | 17.0 | BDL | 33.1 | 50.0 | 11.2 | 15.2 | BDL | 20.8 | 48.7 | 12.4 | 14.0 | BDL |
| | 29.1 | 50.2 | 12.6 | 15.2 | BDL | 33.5 | 51.4 | 9.8 | 16.1 | BDL | 29.4 | 48.9 | 10.7 | 17.2 | BDL | 30.8 | 50.8 | 9.6 | 14.5 | BDL |
| Jan-21 | 28.5 | 50.8 | 11.8 | 15.2 | BDL | 30.2 | 48.6 | 13.1 | 17.2 | BDL | 31.8 | 47.5 | 12.5 | 16.1 | BDL | 27.9 | 51.2 | 10.8 | 14.8 | BDL |
| | 30.5 | 50.2 | 12.1 | 16.2 | BDL | 29.6 | 49.6 | 13.5 | 14.8 | BDL | 28.5 | 40.5 | 12.6 | 16.4 | BDL | 26.7 | 52.2 | 11.6 | 15.4 | BDL |
| Feb-21 | 26.8 | 47.6 | 12.5 | 14.8 | BDI | 32.5 | 44.4 | 11.8 | 15.5 | BDI | 31.1 | 50.2 | 12.5 | 17.1 | BDI | 30.3 | 48.6 | 11.1 | 16.2 | BDI |
| | 28.8 | 49.2 | 11.8 | 14.8 | BDI | 31.6 | 50.8 | 13.9 | 16.2 | BDI | 33.5 | 52.5 | 12.8 | 17.1 | BDI | 29.4 | 51.9 | 10.8 | 14.9 | BDI |
| Mar-21 | 30.2 | 53.2 | 9.6 | 14.7 | BDI | 26.9 | 46.6 | 11.2 | 16.4 | BDI | 28.5 | 48.2 | 10.8 | 14.8 | BDI | 32.5 | 51.9 | 12.2 | 16.5 | BDI |
| | 31.3 | 45.8 | 10.9 | 15.2 | BDL | 29.4 | 50.2 | 12.5 | 17.0 | BDL | 20.4 | 47.9 | 11.7 | 15.5 | BDL | 32.5 | 51.6 | 9.9 | 16.2 | BDL |
| Month | Khera village | | | | | Moradliya Village | | | | | Bareilly Village | | | | | Thordli Village | | | | |
| | PM2.5 | PM10 | SO2 | NOx | CO | 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) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) |
| Oct-20 | 28.8 | 40.2 | 12.4 | 15.9 | BDI | 27.6 | 39.6 | 11.6 | 15.4 | BDI | 25.8 | 44.5 | 12.7 | 15.3 | BDI | 21.2 | 40.5 | 12.1 | 13.8 | BDI |
| | 24.6 | 50.2 | 12.1 | 15.3 | BDI | 29.5 | 47.4 | 10.8 | 13.5 | BDI | 22.8 | 42.5 | 10.8 | 14.2 | BDI | 23.3 | 41.5 | 11.0 | 13.9 | BDI |
| Nov-20 | 26.4 | 52.2 | 11.5 | 17.2 | BDL | 31.8 | 50.8 | 10.8 | 16.5 | BDL | 29.9 | 50.9 | 12.3 | 15.5 | BDL | 26.8 | 45.8 | 11.8 | 18.3 | BDL |
| | 29.5 | 50.1 | 11.5 | 15.1 | BDL | 28.1 | 47.2 | 11.4 | 13.8 | BDL | 29.8 | 51.9 | 10.8 | 14.8 | BDL | 27.5 | 50.5 | 11.8 | 14.9 | BDL |
| Dec-20 | 30.4 | 47.8 | 9.6 | 15.2 | UUL | 27.5 | 52.5 | 11.4 | 15.2 | UUL | 30.3 | 53.0 | 10.8 | 14.2 | UUL | 27.9 | 50.7 | 12.1 | 15.2 | UUL |
| | 30.7 | 47.5 | 13.1 | 17.2 | UUL | 27.6 | 50.9 | 9.6 | 14.2 | UUL | 32.1 | 47.5 | 11.9 | 16.0 | UUL | 20.5 | 53.2 | 10.6 | 15.5 | UUL |
| Jan-21 | 30.5 | 47.8 | 13.1 | 16.1 | DDL | 33.5 | 51.0 | 11.1 | 15.2 | DDL | 30.2 | 40.6 | 12.9 | 15.8 | DDL | 20.9 | 47.5 | 11.0 | 15.9 | DDL |
| | 30.5 | 49.5 | 9.0 | 14.0 | DDL | 29.0 | 50.1 | 11.2 | 15.2 | DDL | 33.2 | 46.5 | 11.0 | 14.1 | DDL | 31.0 | 51.0 | 10.6 | 15.0 | DDL |
| Feb-21 | 20.5 | 44.9 | 12.0 | 17.1 | DDL | 28.9 | 49.0 | 10.2 | 14.4 | DDL | 27.6 | 46.1 | 12.5 | 17.0 | DDL | 32.8 | 50.8 | 11.4 | 15.3 | DDL |
| | 29.4 | 52.3 | 12.2 | 15.5 | BDL | 25.8 | 46.1 | 10.8 | 14.9 | BDL | 27.8 | 50.5 | 10.9 | 16.1 | BDL | 27.2 | 53.1 | 11.5 | 14.8 | BDL |
| Mar-21 | 29.6 | 44.5 | 10.8 | 15.8 | BDI | 33.4 | 46.3 | 13.0 | 16.2 | BDI | 28.2 | 50.2 | 12.8 | 17.0 | BDI | 30.3 | 51.9 | 11.7 | 14.8 | BDI |
| | 32.8 | 44.8 | 12.4 | 14.9 | UUL | 29.4 | 52.1 | 11.1 | 15.4 | UUL | 30.3 | 51.4 | 10.7 | 14.3 | UUL | 25.1 | 47.6 | 12.1 | 16.3 | UUL |

| | | |
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| iv | Data on ambient air quality RSPM (Particulate matter with size less than 10µm i.e., PM ₁₀), & NO _x 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"> Ambient air quality is being monitored regularly and report is being regularly submitted to GPCB/ MoEF&CC & CPCB. Latest report Submitted on 03.11.2020 vide letter no. ACL/EMD/F-16/2020/2231/88131 |
| v | 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"> Environment friendly Surface Miner machine is being used for mining. Surface miner is provided with inbuilt facility of water sprinkling to suppress dust generated during mining. On all haul roads regular water sprinkling is being done by water tankers. |
| vi | 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"> 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 routine. All the workers working in high noise areas are being provided with ear plug/ear muffs. Report of ambient noise monitoring as well as HEMM noise monitoring is enclosed as Under : |

| Ambient Noise Level Monitoring - Singar Mines (October-2019 to March-2020) | | | | | | |
|--|-----------------------|-------------|-----------|-------------|---------------|-------------|
| Month | Noise Levels in dB(A) | | | | | |
| | Near Surface Miner | | Hual road | | Mines offices | |
| | Leq (Day) | Leq (Night) | Leq (Day) | Leq (Night) | Leq (Day) | Leq (Night) |
| Oct-20 | 72 | 66 | 65 | 62 | 62 | 58 |
| Nov-20 | 72 | 64 | 63 | 60 | 60 | 56 |
| Dec-20 | 70 | 60 | 63 | 55 | 65 | 56 |
| Jan-21 | 73 | 67 | 66 | 63 | 63 | 59 |
| Feb-21 | 71 | 66 | 68 | 64 | 64 | 59 |
| Mar-21 | 70 | 65 | 71 | 61 | 63 | 54 |

Compliance Status of Environment Clearance issued to Singar Limestone Mines

Vide MoEF&CC Letter No: J-11015/273/2007-IA.II (M) dated 12th May, 2010

| Noise Level of HEMM distance - Singar Mines (October-2020 March-2021) | | | | | | | | | |
|---|--------------------------|-------------------|---------|-------------------------|-------------------|---------|--------------|-------------------|---------|
| Machine | Surface Miner | | | Loader | | | Dozer | | |
| Month | Conditions | Noise Levels (dB) | | Conditions | Noise Levels (dB) | | Conditions | Noise Levels (dB) | |
| | | At 5m. | At 10m. | | At 5m. | At 10m. | | At 5m. | At 10m. |
| | | Leq | Leq | | Leq | Leq | | Leq | Leq |
| Oct-20 | While doing the material | 74 | 71 | While loading to tipper | 73 | 70 | While mining | 70 | 68 |
| Nov-20 | | 72 | 67 | | 73 | 68 | | 71 | 67 |
| Dec-20 | | 70 | 65 | | 74 | 71 | | 75 | 70 |
| Jan-21 | | 70 | 65 | | 67 | 59 | | 72 | 69 |
| Feb-21 | | 73 | 71 | | 78 | 73 | | 69 | 66 |
| Mar-21 | | 72 | 70 | | 71 | 66 | | 67 | 64 |

- | | | |
|------|--|---|
| Vii | 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"> No waste water generation from Mines, only negligible amount of waste water generated from workshop, which is being treated at baffle type oil and grease separation system and treated water is being used for Dust Suppression on Haul roads. |
| Viii | 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. | <ul style="list-style-type: none"> Dust Masks, Safety Shoes, Safety Goggles & Helmet are provided to each & 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. |

Air Borne Dust Survey (October-2020 to March-2021)

| 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) |
| 8-Oct-20 | 14:00-22:00 | Inside Cabin | 0.32 | 9-Oct-20 | 14:00-22:00 | Inside Cabin | 0.26 | 10-Oct-20 | 14:00-22:00 | Inside Cabin | 0.22 |
| 4-Nov-20 | 06:00-14:00 | | 0.30 | 5-Nov-20 | 06:00-14:00 | | 0.34 | 6-Nov-20 | 06:00-14:00 | | 0.39 |
| 15-Dec-20 | 14:00-22:00 | | 0.35 | 16-Dec-20 | 14:00-22:00 | | 0.32 | 17-Dec-20 | 14:00-22:00 | | 0.29 |
| 7-Jan-21 | 06:00-14:00 | | 0.30 | 8-Jan-21 | 06:00-14:00 | | 0.33 | 9-Jan-21 | 06:00-14:00 | | 0.31 |
| 11-Feb-21 | 14:00-22:00 | | 0.28 | 12-Feb-21 | 14:00-22:00 | | 0.31 | 13-Feb-21 | 14:00-22:00 | | 0.26 |
| 8-Mar-21 | 06:00-14:00 | | 0.37 | 9-Mar-21 | 06:00-14:00 | | 0.34 | 10-Mar-21 | 06:00-14:00 | | 0.32 |

- | | |
|---|---|
| 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"> Occupational health surveillance program of the workers is undertaken periodically by our Occupational Health Centre. |
|---|---|

First Satev Singh, Emp. No. 201008 (30000)

FORM - M
(See Rule 29 (i))

Notice of Initial/periodical medical examination under rule 29 B

No. _____ Date: 13/03/2021

Certificate that Shri/Smt. Alot Satev Singh Nature of employment Asst. Manager serial number from A register 51 Son/daughter/Wife of Satev Singh 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) _____

Shri/Smt. Alot Satev Singh may note that if he/she fails, without reasonable cause, to submit himself/herself for the medical examination or could he/she shall not be eligible for appointment/continuance in employment in the Mines from SINGAR LIMESTONE MINES

Shri/Smt. Alot Satev Singh may further note that he/she should bring with him/her three unaltered 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

MINE MANAGER
Singar Limestone Mine
Ambuja Cement Limited
Vill. Singar, Tal. Sutrapada,
Dist. Gir-Somnath Gujarat-362 258

* 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.

First Satev Singh, Emp. No. 201008 (30000)

FORM - O
(See Rule 29 (i) and 29 L)

Report of Medical Examination under Rule 29B
(To be filled in by the doctor)

Certificate No. _____

Certificate that Shri/Smt. Alot Satev Singh employed as Asst. Manager in SINGAR LIMESTONE MINES, Form A No. 51 has been examined for an initial/periodical medical examination. He/she appears to be DOB: 17.07.1991 Years of age. The findings of the examining authority are given in the attached sheet. It is considered that Shri/Smt. Alot Satev Singh

* (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 _____ He/She may be permitted/ not permitted to continue his/her duties during this period.

Signature of the Examining Authority

Name and Designation in Block: DR. SUMA SHIVJI TAYLOR
Letter: SR. MEDICAL OFFICER


Place: Ambyajay
Date: 13/03/2021

* Delete whatever is 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.



Daily Tool Box Talk at Workplace

Compliance Status of Environment Clearance issued to Singar Limestone Mines
Vide MoEF&CC Letter No: J-11015/273/2007-IA.II (M) dated 12th May, 2010

| | | |
|----|---|---|
| ix | 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. | <ul style="list-style-type: none"> A well established Environmental Management Division (EMD) with suitable qualified personnel is in place. Head of environmental management cell directly report to the Unit Head (Jt. president) of the organization. EMD organization chart is enclosed as under:  |
| x | 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. | <ul style="list-style-type: none"> Details of capital and recurring expenditure for environmental protection measures are enclosed as under: |

| Expenditure incurred in Environment Management Plan - SINGSAR MINES | | |
|---|--|----------------|
| A. Capital Investment for Environmental Monitoring : | | |
| S.No | Particulars | Cost (In Lacs) |
| 1 | Monitoring Equipments | 37.08 |
| 2 | Environment Laboratory | 10 |
| 3 | Others (Monitoring Van, DG Sets etc. | 10 |
| | Total (In Lacs INR) | 57.08 |
| B. Recurring Expenditure for the period of October'2020 to March'2021 | | |
| S.No | Particulars | Cost (In Lacs) |
| 1 | Green belt development & Dust suppression | 148.31 |
| 2 | Manpower Cost * | 28.14 |
| 3 | House Keeping | 1.07 |
| 4 | Other Env. Protection (Environmental Monitoring) | 1.67 |
| 5 | Environment Awareness * | 0.30 |
| | Total (In Lacs INR) | 179.50 |
| * Expenditures are Common for All the Plants & Mines. | | |

| Ambuja Cement Foundation - Ambujanagar | | | | | | | |
|---|---|-----------|------------------------------------|---|--------------------------|-----------------------------------|------------|
| Details for programme wise expenditure for the year Oct. 2020 to March 2021 | | | | | | | |
| | | | | | | (Rs. In lakhs) | |
| Sr.No | Programme | ACF - ACL | *Funds received through Government | ** Funds from other Donors / Donor Agencies | ***People's Contribution | ****Direct Funding to Communities | Total Exp. |
| | GUJARAT - Kodinar | | | | | | |
| 1 | Water Resource Mangement | | | | | | |
| | A.Water Resource Development | 7.15 | 7.49 | -- | -- | -- | 14.64 |
| | B .Drinking Water Programme | 8.26 | 6.12 | -- | 6.00 | -- | 20.38 |
| | | | | | | | |
| 2 | Agriculture Development | 14.71 | 10.30 | -- | 101.69 | 132.07 | 258.77 |
| 3 | BCI | 4.57 | -- | 109.31 | 59.64 | 167.50 | 341.02 |
| 4 | Krichi Vigyan Kendra (KVK) Agriculture | 2.35 | 148.91 | | | | 151.26 |
| 5 | Health & Sanitation | 10.18 | -- | -- | 70.59 | -- | 80.77 |
| 6 | Education Programme | 12.12 | -- | -- | -- | -- | 12.12 |
| 7 | Women / Youth Development Skill and Enterprunership Development Programme | 5.55 | -- | 5.00 | -- | -- | 10.55 |
| 8 | | 16.08 | 24.63 | -- | 12.78 | -- | 53.49 |
| 9 | Integrated Community Development Programme | 68.21 | -- | -- | -- | -- | 68.21 |
| 10 | Co-ordination & Administration Expenses | 45.45 | -- | -- | -- | -- | 45.45 |
| 11 | Capital Expenditure | 1.25 | -- | -- | -- | -- | 1.25 |
| | TOTAL | 195.88 | 197.45 | 114.31 | 250.70 | 299.57 | 1057.91 |

| | | |
|------|---|--|
| xi | 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"> Regular six monthly environmental clearance compliance reports are being submitted to MoEF&CC. Last submission was on 03.11.2020 vide letter no. ACL/EMD/F-16/2020/2231/88131 |
| xii | 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"> Point noted and will be complied. <p>Full support and co-operation is being extended during the visit of officers from Ministry of Environment & Forest, CPCB as well as GPCB.</p> |
| Xiii | 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 Control Board. The proponent shall upload the | <ul style="list-style-type: none"> Half yearly compliance status report is being regularly submitted and last submission was on 03.11.2020 vide letter no. ACL/EMD/F-16/2020/2231/88131. |

**Compliance Status of Environment Clearance issued to Singar Limestone Mines
Vide MoEF&CC Letter No: J-11015/273/2007-IA.II (M) dated 12th May, 2010**

| | | |
|------|--|---|
| | 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. | |
| xiv | 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"> A copy of clearance letter has been marked to concern. |
| xv | The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collectors office/ Tehsildars Office for 30 days. | <ul style="list-style-type: none"> GPCB is the concerned authority for the same. |
| xvi | 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"> Environmental statement (Form-V) is being regularly submitted to concern authority for each financial year. Last Environment Statement (2019-2020) submitted on 04.09.2020 vide letter no. ACL/EMD/F-22/2020/2198/87837 |
| xvii | 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 Bhopal. | <ul style="list-style-type: none"> Advertisement was published in two local newspapers are enclosed as under. Copy of advertisement has been submitted to MoEF&CC&CC on 10.07.2010 vide letter no. ACL/EMD/MOEF/SINGAR/2010/52044 |

Ambuja Cement
Bhopal, M.P.

ACT/EMD/MOEF/SINGAR/2010/52044
Dated: 10/07/2010

To,
Dr. A. Mahanta, Director (B),
Regional Office, Western Region,
Ministry of Environment and Forests,
Jank Road No.3, Bait Sankar Nagar,
Bhopal - 462018 (M.P.)
0755-2465054, 2465015, Fax - 2465108

Subject: **Singar Limestone Mining Project of M/s Ambuja Cement Ltd. Located in Village - Singar, Tehsil - Sutrapada, District - Junagadh of Gujarat State.**
Your letter No. J-11015/273/2007-IA.II dated 04.05.2010

Sir,

This has reference to above subject, we are submitting herewith following documents / information with respect to Singar Limestone Mining Project as desired by you.

(1) Present status of work progress - **Obtaining of Mining Lease Grant is in progress.**

(2) Point when compliance status in various stipulations with supporting documents & reports at Environmental Clearance no. J-11015/273/2007-IA.II (M) dated 10.05.2010 (Copy enclosed as Annexure - I).

(3) Copies of -
- Consent to Establish / Operate from GPCB - **Applied for Consent to Establish & Operate.**
- Documentation of the Public Hearing Minutes - **Copy Enclosed as Annexure-2.**
- The copy of advertisement - **Copy Enclosed as Annexure - 3.**
(4) Data sheet - **Duly filled data sheet is enclosed as Annexure - 4.**

We are also enclosing herewith soft copy of the all above documents. We hope that you will find all above information in order please. In case of any further clarification / information we shall be pleased to provide the same.

Thanking you,
Yours faithfully,
For Ambuja Cement Limited,
A. K. Fadnis
Dr. Manager (E&S)
Encl: As above

Ambuja Cement Limited
Plant - Junagadh
P.O. & S.O. : P.O. Junagadh, 362715, Tal. Kodinar Dist. - Junagadh, Gujarat
Phone : (07955) 13 132, 13105, 13106 Fax : 07955 13105, 13106

Business Standard WEDNESDAY 19 MAY 2010
AHMEDABAD

PUBLIC NOTICE

This is to inform all concerned that the Ministry of Environment and Forest, Government of India, New Delhi has accorded Environmental Clearance vide its letter no. J- 11015/273/2007-IA.II(M) dated 12th May 2010, to Singar Limestone Mining project of M/s. Ambuja Cements Limited located in Village Singar, Tehsil-Sutrapada, District-Junagadh, Gujarat. Copy of the said clearance letter is available with the State Pollution Control Board & may also be seen at web site of the Ministry of Environment & Forests at <http://envfor.nic.in>

Ambuja Cements Limited
PO, Ambujanagar-362715, Taluka-Kodinar, District-Junagadh.

જય હિન્દ રાજકોટ, ગોંડલનાર, તા. ૧૮-૫-૨૦૧૦

જાહેર સુચના

આથી સુચિત કરવામાં આવે છે કે, અંબુજા સીમેન્ટ લીમિટેડના મોનો લીમિસ્ટાર તાલુકો સુત્રપાડા જિલ્લો જૂનાગઢના સીંગસર લાઈમસ્ટોન માઈનીંગ પ્રોજેક્ટને મીનીસ્ટ્રી ઓફ એનવાયરમેન્ટ એન્ડ ફોરેસ્ટ્સ ભારત સરકાર નવી દિલ્હીએ તેમના પત્રકમાં J-11015/273/2007/1A.II(M) તા. ૧૨ મે ૨૦૧૦ દ્વારા પર્યાવરણીય મંજૂરી આપેલ છે. સહ પત્રની નકલ ગુજરાત પ્રદૂષણ નિયંત્રણ ઓફ ગોંધીનગર તથા મીનીસ્ટ્રી ઓફ એનવાયરમેન્ટ એન્ડ ફોરેસ્ટ્સની વેબસાઈટ <http://envfor.nic.in> પર એવા મળશે.

અંબુજા સીમેન્ટ લીમિટેડ
મુ. પો અંબુજા નગર ૩૬૨૭૧૫ તા. કોડીનાર જિ. જૂનાગઢ

**Compliance Status of Environment Clearance issued to Singar Limestone Mines
Vide MoEF&CC Letter No: J-11015/273/2007-IA.II (M) dated 12th May, 2010**

Annexure-1

| Ambuja Cement Foundation (Unit: Ambujanagar, Kodinar, Gujarat) | | | | | |
|--|--|-------------|---------------------------------|---|------------------------------------|
| Key Performance Indicators up to March 2021 | | | | | |
| Sr. No | Details of Work/activities | Unit | Cumulative up to 2019-20 | Achievements during April 2020 to March 2021 | Cumulative up to March 2021 |
| 1A | Water Resource Management and Drinking Water Projects | | | | |
| | a. Checkdam construction / Renovation | No | 226 | 0 | 226 |
| | c. Well Recharging / Percolation well | No | 1268 | 0 | 1268 |
| | d. Ponds Construction / Renovation | No | 119 | 0 | 119 |
| | e. Link Channels / Canals construction | Km | 69.26 | 0 | 69.26 |
| | f. Water Storage Tank / Farm Ponds | No | 734 | 0 | 734 |
| | g. Total surface water harvested | MCM | 38.78 | 0 | 38.78 |
| B | Drinking Water Projects | | | | |
| | a. RRWHS Construction | No | 3970 | 30 | 4000 |
| | b. Drinking water wells / Bore wells / Renovation of Saline Wells | No | 120 | 0 | 120 |
| | c. Overhead / Cistern Tank construction/underground sump | No | 25 | 0 | 25 |
| | d. Community Based Drinking Water Project | No | 58 | 7 | 65 |
| C | Soil and Water Conservation | | | | |
| | a. Area Treated (Gully Control / Gabion / loose boulder structure / weir crates / Khadine | Ha | 11876 | 0 | 11876 |
| 2A | Agriculture Development | | | | |
| | a. Micro Irrigation system, Drip and Sprinklers | Acre | 12656.98 | 1814.5 | 14471.48 |
| | No. of farmers covered | No | 2817 | 518 | 3335 |
| | No. of units | No | 326 | | 326 |
| | No of families | No | 299 | | 299 |
| | d. Training & Exposure visits | No | 10432 | 9335 | 19767 |
| | Farmers trained | No | 313427 | 43324 | 356751 |
| | 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 | Hectare | 43063 | 0 | 43063 |
| | k. Demo plots on POPs | No | | 83 | 83 |
| | - Farmers covered | No | 34726 | 15258 | 49984 |
| | k. Farmer producer organization | No | 1 | 1 | 2 |
| | L No of members | No | 1811 | 320 | 2131 |
| B | Farm Forestry and Afforestation | | | | |
| | a. Horticulture Plantation | Acre | 12624.34 | 494.82 | 13119.16 |
| | No. of plants | nos | 926198 | 21894 | 948092 |
| | 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 |
| 3 | Animal Husbandry Programme | | | | |
| | a. Cattle Health Camps | No | 223 | 4 | 227 |
| | Cattles Treated | No | 174541 | 1561 | 176102 |
| | 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 | 327 | 10790 |
| 4 | Non Conventional Energy | | | | |
| | a. Biogas Plants | No | 526 | 0 | 526 |
| | b. Smokeless Chulhas | No | 4671 | 0 | 4671 |
| 5 | Education Development | | | | |
| | b. School / Anganwadi (Balwadi) Support Programme | No | 19 | 10 | 29 |
| | h. Village / School Library | No | 3 | 1 | 4 |
| | i. Village Knowledge Centre / Computer education | No | 3 | 0 | 3 |
| | j. Adolescent Education Programme | No | 4 | 0 | 4 |
| | l. Students training / exposure visits | No | 158 | 0 | 158 |
| | n. Schools benefited | No | 58 | 0 | 58 |
| | a. Sports equipments provided to schools | No | | 10 | 10 |
| | p. School sanitation facilities | No | 25 | 3 | 28 |
| | q.No of students benefited under Education Development | No | 9477 | 0 | 9477 |

**Compliance Status of Environment Clearance issued to Singar Limestone Mines
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| | | | | | |
|----|--|-----------|---------|------|---------|
| 7 | Health and sanitation Programme | | | | |
| | a. No of camps organised (include all general and speciality health camps) | No | 358 | 8 | 366 |
| | Patients benefited | No | 62796 | 1110 | 63906 |
| | b. Villages benefited under mobile & weekly dispensary | No | 22 | 0 | 22 |
| | Patients treated | No | 350102 | 0 | 350102 |
| | c. Sakhis (Village Health Functionaries) | No | 19 | 2 | 21 |
| | d. Villages covered by Sakhis / Patients treated by Sakhis | No | 15 | 1 | 16 |
| | No of Patients treated | | 35383 | 2321 | 37704 |
| | e. Khehadi sessions conducted by Sakhis | No | 3611 | 0 | 3611 |
| | f. Health intervention trainings done (include trainings of Sakhis / Govt. health functionaries) | No | 52 | 10 | 62 |
| | Participants in trainings | No | 1440 | 106 | 1546 |
| | g. Construction of Toilet Blocks / Subah Sauchalaya / Soak Pits | No | 11676 | 387 | 12063 |
| | h. Villages where Total Sanitation Campaign initiated | No | 227 | 32 | 259 |
| | i. No of Village Health Sanitation Committees activated | No | 73 | 0 | 73 |
| 8A | HIV/AIDS Awareness Programme (Community) | | | | |
| | h. No of people benefited | No | 138828 | 0 | 138828 |
| B | Workplace Programme | | | | |
| | a. Awareness session for Staff / Families / contract staff / labourers / Truckers / Students / Rural community | No | 10818 | 0 | 10818 |
| | b. Master Trainers / peer educators | | 64 | 0 | 64 |
| 9 | Skill and Entrepreneurship Development Programme - Ambujnagar | | | | |
| | a. No of institute | No | 3 | | 3 |
| | b. No of batches / courses | No | 268 | 42 | 310 |
| | c. Entrepreneurs trained under SEDI / ITI | No | 5348 | 758 | 6106 |
| | d. No of trainees placed | No | 4332 | 423 | 4755 |
| | e. No of trainees pursuing (Continuation) | | 305 | 299 | 299 |
| 10 | Women and Youth Development | | | | |
| | a. No of SHG formed | No | 700 | 78 | 778 |
| | No of members | No | 8477 | 916 | 9393 |
| | b. Training & Exposure (women) | No | 1261 | 110 | 1371 |
| | No of participants | No | 43042 | 5218 | 48260 |
| | c. Training & Exposure (Youth) | | 89 | 1 | 90 |
| | No of participants | No | 5082 | 30 | 5112 |
| | d. No of Federations Formed | No | 1 | | 1 |
| 11 | Rural Infrastructure Development Programme | | | | |
| | a. Construction of CC Roads/Paver block roads / Village Roads | No / Mtrs | 90494.4 | 3468 | 93962.4 |
| | b. Street Light installation | No | 227 | 184 | 411 |
| | c. Drainage construction | Mtrs | 1075 | | 1075 |
| | d. Crematorium / Ghats construction/ Drinking water facilities | No | 32 | 2 | 34 |
| | e. Community Centre construction / School classroom | No | 131 | 4 | 135 |
| | f. Support for Social and Cultural Events | No | 308 | | 308 |
| | g. House repairing | No | 0 | | 0 |
| | h. Construction of culverts / bridge | No | 16 | | 16 |
| | i. Construction of new School / school repairing | No | 5 | | 5 |
| | k. No of villages covered | No | 69 | | 69 |
| | l. const of compound wall for common area | Rmt | 1468 | 227 | 1695 |
| 12 | Gir Forest Conservation project | | | | |
| | a. Construction of Parapet wall around wells to protect wild animals | No | 1852 | 105 | 1957 |
| 13 | Krisht Vigyan Kendra - Kodinara | | | | |
| | a. No of villages covered | No | 310 | | 310 |
| | b. No of farmers trained | No | 124353 | 4182 | 128535 |
| | c. No of technology transferred (FLD) | No | 254 | 34 | 288 |
| | d. No of technology tested (OFT) | No | 89 | 11 | 100 |
| 14 | Overall coverage | | | | |
| | a.No of villages | No | 510 | | 510 |
| | a.Approx No of People benefited | No | 1042995 | | 1042995 |
| 15 | KVY III programmes | | | | |
| | a. IPM,INM&IDM practice adopted | Acre | 67757 | | 67757 |
| | b.Soil testing | Farmers | 3389 | | 3389 |
| | c.Village information centre | Villages | 36 | | 36 |
| | d. SMS base agri. information system 3 SMS/month | Farmers | 31645 | | 31645 |
| 16 | Community safety awareness programmes | | | | |
| | Community Safety | No | 1271 | 6 | 1277 |
| | Total participant in community safety | No | 47502 | 2240 | 49742 |