

**Half Yearly Compliance Report
2024
01 Dec(01 Apr - 30 Sep)**

Acknowledgement

Proposal Name		Sagar Cement limestone mine of Sagar Cements Limited (Earlier Amareswari Limestone Mining)	
Name of Entity / Corporate Office		Sagar Cements Limited	
Village(s)		N/A	
District		SURYAPET	
Proposal No.	Amareswari/MOEF/REIA/Mine/2006	Category	Non-Coal Mining
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	TELANGANA	Entity's PAN	*****8680H
MoEF File No.	J-11015/405/2006-IA.II(M)	Entity name as per PAN	SAGAR CEMENTS LIMITED

Compliance Reporting Details

Reporting Year 2024
Remarks (if any)
Reporting Period 01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office Sagar Cements Limited

	Project Area as per EC Granted	Actual Project Area in Possession
Private	0	0
Revenue Land	143.73	143.73
Forest	0	0
Others	0	0
Total	143.73	143.73

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Limestone	Million Tons per Annum (MTPA)	N/A	1.8	510000	1.8

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	LAND RECLAMATION	Top soil shall be stocked properly with proper slope with adequate safe guards and shall be backfilled for reclamation and rehabilitation of mined out area.
PPs Submission: Being Complied No, Top soil was generated so far. There is no proposal for removal of Top soil in the approved Mining Plan for next 5 years. Whenever Top soil is generated in future compliance will be followed as per the condition.		Date: 01/12/2024
2	WATER QUALITY MONITORING AND PRESERVATION	The company shall treat the ground water before supplying for drinking water.
PPs Submission: Being Complied Company is providing water treated through R.O system for drinking.		Date: 01/12/2024
3	WATER QUALITY MONITORING AND PRESERVATION	The work shop effluent containing oil and grease should be treated separately before using for greenbelt development.
PPs Submission: Being Complied Vehicle washing point was constructed with grease trap arrangements to separate the oil and grease.		Date: 01/12/2024
4	WATER QUALITY MONITORING AND PRESERVATION	The nala passing through the lease area at no stage shall be diverted.
PPs Submission: Being Complied Company is not going for diversion of Nala at any stage.		Date: 01/12/2024
5	LAND RECLAMATION	Over burden shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump not exceed 30m, each stage shall preferably be of 10m and over all slope of the dump shall not exceed 28 Degrees. Use of geo textiles shall be undertaken for stabilization of the dump. The mine pit shall be fenced with chain links. Catch drains and siltation ponds of appropriate size shall be constructed to arrest silt and sediment flows from soil, OB and mineral dumps. The water so collected shall be utilized for watering the mine area, roads, green belt development etc. the drains shall be regularly desilted particularly after monsoon and maintained properly. Garland drain (Size, gradient and length) shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50 percentage safety margin over and above peak sudden rainfall(based on 50 years data) data maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation it shall be constructed at the corners of the garland drains and silted at regular intervals.
PPs Submission: Being Complied No waste being generated from mines as of now as such no stocking of over burden is anticipated. Sump was constructed as per the condition. ffd		Date: 01/12/2024
6	AIR QUALITY MONITORING AND	Drilling and blasting shall be done by using dust extractors/wet drilling.

	PRESERVATION	
PPs Submission: Being Complied Continuous wet drilling is in practice to suppress the dust at source. (Photo showing the wet drilling operation)		Date: 01/12/2024
7	GREENBELT	Plantation shall be raised in an area of 18.3 ha including a green belt of adequate width by planting the native species around the ML area, roads OB dump sites etc. in consultation with the local DFO/Agriculture Department the density of the trees shall be around 2500 plants per ha. The company shall avoid plantation of mono culture species.
PPs Submission: Being Complied Company has developed plantation and greenbelt covering over an extent of Ha.10.27, Ha.6.25 in core and buffer zones of the existing lease area consecutively. We avoid mono culture species and prefer native species for plantation.		Date: 01/12/2024
8	WATER QUALITY MONITORING AND PRESERVATION	The mined out area shall be developed into water reservoirs for recharge of ground water.
PPs Submission: Being Complied Company will develop mined out area into water reservoir for recharge of ground water.		Date: 01/12/2024
9	WATER QUALITY MONITORING AND PRESERVATION	The company shall undertake measures for rainwater harvesting to recharge the ground water.
PPs Submission: Being Complied We have constructed the rain water harvesting pits and maintaining.		Date: 01/12/2024
10	WATER QUALITY MONITORING AND PRESERVATION	The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground water Board.
PPs Submission: Being Complied 4 Rain water harvesting pits were constructed in and around the ML area to collect the rain water and soak into the ground to augment the groundwater.		Date: 01/12/2024
11	WATER QUALITY MONITORING AND PRESERVATION	Prior permission from the competent authority shall be obtained for drawl of ground water, if any.
PPs Submission: Being Complied No bore well is existing in the Mining Lease area.		Date: 01/12/2024
12	Risk Mitigation and Disaster Management	No mining shall be carried up to a distance of 50 m on either side of stream.
PPs Submission: Being Complied As of now mining activities have not reached to nalla premises whenever we reach the mining operations near to the nala premises we will follow the same.		Date: 01/12/2024
13	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year pre-monsoon

		(April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected may be sent regularly to MOEF, Central Ground Water Authority and Regional Director, Central Ground Water Board.
PPs Submission: Being Complied We have constructed a Piezometer well within the ML area. Regular monitoring of water levels and quality is being carried out from the bore wells present in the adjacent to the ML area and submitting the report to concerned authorities.		Date: 01/12/2024
14	AIR QUALITY MONITORING AND PRESERVATION	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 vehicles shall be covered with a tarpaulin and shall not be overloaded.
PPs Submission: Being Complied Being complied as per the condition.		Date: 01/12/2024
15	MISCELLANEOUS	A Final Mine Closure Plan, along with details of corpus fund, shall be submitted to the Ministry of Environment and Forests 5 years In advance of final mine closure for approval.
PPs Submission: Agreed to Comply We will comply accordingly.		Date: 01/12/2024
General Conditions		
Sr.No.	Condition Type	Condition Details
1	Statutory compliance	The funds earmarked for environmental protection measures shall be kept in separate account and should not be diverted for other purpose. Year wise expenditure shall be reported to the ministry and its regional office located at Bangalore.
PPs Submission: Being Complied We are maintaining.		Date: 01/12/2024
2	Statutory compliance	No change in the mining technology and scope of working shall be made without prior approval of the Ministry of Environment and Forests.
PPs Submission: Being Complied There is no change in the mining technology so far; whenever we go for change we will take approval from MoEF.		Date: 01/12/2024
3	AIR QUALITY MONITORING AND PRESERVATION	Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RPM, SPM, SO ₂ , 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.
PPs Submission: Being Complied Ambient Air Quality station locations were established in core and buffer zones based on the EIA Study reports as per the condition. Monitoring is being done by M/s. Lawn Enviro Private Limited, Hyderabad once in a quarter.		Date: 01/12/2024

4	AIR QUALITY MONITORING AND PRESERVATION	Data on ambient air quality (RPM, SPM, SO ₂ , and NO _x) should be regularly submitted to the ministry including its regional office located at Bangalore and the state pollution control board/ Central pollution control board once in six months.
PPs Submission: Being Complied Compliance being followed.		Date: 01/12/2024
5	Human Health Environment	Personal working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects.
PPs Submission: Being Complied Personal workings in the dusty areas are provided with PPE and adequate training on safety is being given by our safety officer.		Date: 01/12/2024
6	Statutory compliance	A separate environmental management cell with suitable qualified personnel shall be setup under the control of senior executive, who will report directly to the head of the organization.
PPs Submission: Being Complied Environment management cell is formed.		Date: 01/12/2024
7	Statutory compliance	The project authority shall inform to the regional office located at Bangalore regarding date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.
PPs Submission: Being Complied The enhancement of mining capacity is being approved by Indian Bureau of Mines, and we are communicating to IBM since it is an existing mine.		Date: 01/12/2024
8	Statutory compliance	No change in the calendar plan including excavation, quantum of mineral limestone ore and waste shall be made.
PPs Submission: Being Complied No Change in the calendar plan including excavation, quantum of mineral, limestone and waste shall be made without prior approval of the MoEF.		Date: 01/12/2024
9	Statutory compliance	Conservation measures for protection of flora and fauna in the core and buffer zone shall be drawn up in consultation with the local forest and wildlife department.
PPs Submission: Being Complied Conservation measures for protection of flora and fauna in core and buffer zones being drawn up in consultation with local forest department and we prefer native species.		Date: 01/12/2024
10	AIR QUALITY MONITORING AND PRESERVATION	Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads. Loading and unloading and at transfer points shall be provided and properly maintained.
PPs Submission: Being Complied Company is practicing wet drilling to suppress the dust at source and water tankers being used for continuous water spraying on haul roads also provided dust suppression arrangements to crusher hopper and top of conveyor belts.		Date: 01/12/2024
11	Noise Monitoring & Prevention	Measures shall be taken for control of noise levels below 85 dBA in the work Environment Workers engaged in operations of HEMM,

		etc. shall be provided with ear plugs, muffs.
PPs Submission: Being Complied We are monitoring sound levels regularly with dosi meter, and providing earmuffs/plugs to the workers engaged in operations of drilling and HEMM etc.		Date: 01/12/2024
12	WATER QUALITY MONITORING AND PRESERVATION	Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to confirm to the standards prescribed under GSR 422 (E) dated 19th May, 1933 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
PPs Submission: Being Complied Being Complied accordingly		Date: 01/12/2024
13	Human Health Environment	Occupational health surveillance programme of the workers shall be undertaken periodically to observe any contractions to exposure to dust and take corrective measures, if needed.
PPs Submission: Being Complied Occupational health surveillance programme of the workers is being conducted periodically.		Date: 01/12/2024
14	Statutory compliance	The regional office of this ministry located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) from the regional office by furnishing the requisite data/information/monitoring reports.
PPs Submission: Being Complied All the data will be furnished during the monitoring of mine by the regional office personal.		Date: 01/12/2024
15	Statutory compliance	A copy of clearance letter will be marked to concerned panchayat/local NGO, if any, from whom suggestion/representation has been received while processing the proposal.
PPs Submission: Complied Complied.		Date: 01/12/2024
16	Statutory compliance	The project authorities should advertise at least in two local newspapers widely circulated, in 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 shall be forwarded to the Regional Office of this Ministry located Bangalore.
PPs Submission: Complied We have advertised the EC as above.		Date: 01/12/2024
17	Statutory compliance	State pollution control board should display a copy of the clearance letter at the regional office, district industries Centre and Collectors office/Tehsildars office for 30 days.
PPs Submission: Complied Complied.		Date:

Visit Remarks

Last Site Visit Report Date:

N/A

Additional Remarks:

Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.

