

Ref: SJCPL /ENV /2023-24/01

Date: 25.11.2023.

To

The Director

Ministry of Environment, Forest and Climate Change,
Integrated Regional Office,
Green House, Gopalareddy Road,
Vijayawada – 520010,
Andhra Pradesh

**Sub: Submission of half yearly Environmental Clearance point wise compliance report
For the period of April- 2023 to September– 2023 of our Lime Kankar Mine (4.92
ha & 0.1 MTPA) -reg**

Ref: EC letter No. SEIAA/AP/KNL/MIN/08/2020-915 dated: 18.12.2020

Dear Sir,

We are herewith submitting half yearly Environmental Clearance point wise compliance status report for the period of April- 2023 to September– 2023 of our Lime Kankar Mine (4.929 ha) located at Nandavaram Villages Banaganapalle (M), Nandyal Dist, Andhra Pradesh state.

Thanking You,

Yours faithfully,

For **Sree Jayajothi Cements Private Limited**



B. C. Gurivi Reddy
Sr. Vice President (works)



**Nandavaram Limekankar Mine (4.929 ha & 0.1 MTPA)
of Sree Jayajothi Cements Private Limited,
Nandavaram Village
Nandyal District, Andhra Pradesh**

Half Yearly EC Compliance Report – [April- 2023 to September-2023]
Order No. SEIAA/AP/KNL/MIN/08/2020-915 dated: 18.12.2020

S.No.	Conditions	Compliance statement
Part A	Specific Conditions :	
1	The proposal shall not attract the following acts & rules: Forest act 1980, Wild life (Protection) act 1972; CRA notification 2011. The ECO Sensitive areas as notified under EP Act 1986; Critically polluted areas as notified by CPCB and also not harm live stocks and human beings and disturb their activities.	Noted
2	The total production during a scheme should be limited to the approved quantity as per mining scheme / plan.	The total production during a scheme will be limited to the approved quantity as per mining scheme / plan.
3	The proponent volunteered to allocate sufficient funds for providing 6 outdoor play items and toilets for boys and girls separately to primary school to Nandavaram village, as a part of corporate social responsibility activity.	Action for compliance will be taken in consultation with the local body.
4	The project proponent shall maintain the setback distance 7.5 meters buffer zone around the mine lease area for greenbelt development and other conditions are to be fulfilled.	Greenbelt being developed in 7.5 meters buffer zone around the quarry lease area in phased manner as per GoAP, Dept of Mines & Geology approved mining plan.
5	The avenue plantation (tall plants) of at least 1.5 m height for 1 km length of the approach road on either side of the road is to be developed and maintained. The entire plantation is to be completed in the first year itself.	Avenue plantation will be taken-up on either side of the approach road and maintained.
6	The proponent is advised to ensure safety to animals and public life.	Necessary measures has been taken to ensure safety of animals and public life.
1)	Air Pollution :	
i.	The proponent shall comply with mining methodology mentioned in approved mining plan and Form 1	Mining operation will be as per mentioned mining methodology.
ii.	Greenbelt shall be developed along the boundary of mining lease area and also in back filled and reclaimed areas with tall growing native species in consultation with local DFO/Agriculture Department. The proponent of mine shall carry mining operations in such a manner so as to cause least damage to the flora of the mining area and nearby area. He shall take immediate measures for planting in the same area or any other area selected by authorities not less than	Greenbelt being developed in phased manner in 7.5 meters buffer zone around the mine lease area in phased manner as per GoAP, Dept of Mines & Geology approved mining plan.

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	twice the number of trees going to be felled by mining operations. He shall also take measures for restoration of the other flora /fauna if damaged by mining operations.in case any felling or damage to fauna and fauna is involved, prior permission shall be taken from the concerned regulatory authority, by the proponent, without which mining shall not be taken-up	
iii.	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.	Water spraying arrangement on roads, loading and unloading and at transfer points has been provided and properly maintained to control fugitive dust emissions.
iv.	The proponent shall take appropriate measures to ensure that the GLC shall comply with the revised NAAQ norms notified by MoEF, GOI date 16.11.2009.	Air pollution control & fugitive dust emission control measures is ensured to comply with NAAQ norms.
v.	The following measures are to be implemented to reduce air pollution during transpiration of mineral	
	➤ Roads shall be graded to mitigate the dust emission	Roads being graded properly to mitigate dust emission.
	➤ Regulatory authority prior concurrence shall be taken for this activity.	Concurrence has been taken from concerned regulatory authority.
	➤ Water shall be sprinkled at regular interval on the main haul road and other service roads by water sprinklers to suppress dust.	Water sprinkling being done at regular interval on the main haul road and other service roads by water tankers to suppress dust.
vi.	The following measures are to be implemented to reduce Noise pollution	
	➤ Proper and regular maintenance of vehicles and other equipment	Vehicles being maintained properly.
	➤ Limiting time exposure of workers to excessive noise.	There is no excessive noise activities
	➤ The workers employed shall be provided with protection equipment and earmuffs etc.	Suitable PPE have been provided to workers.
	➤ Speed of trucks entering or leaving the mine is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.	Speed limit of 25 kmph being maintained.
vii.	Measures should be taken to comply with the provisions laid under noise pollution (regulation and control) amendment rules, 2010 dated 11.01.2010 issued by the MoEF, GOI to control noise to the prescribed levels. Workers engaged in operations of HEMM, etc should be provided with ear plugs/muffs.	No drilling and blasting operating will be done. Measures will be taken to comply with the provisions laid under noise pollution (regulation and control) amendment rules, 2010.
viii.	The proponent shall not take-up mining activities unless he obtains the safety clearance certificate	Mining activities commenced mining operations after obtaining necessary permission from DGMS.

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	from the Govt. competent authority.	
2)	Water Pollution :	
i.	As per record the source of water is Bore well. Total water requirement is 4.0 KLD. Out of that, 2.0 KLD is used for dust suppression; 2.0 KLD is used for development of greenbelt; 1.0 KLD is used for domestic purpose.	Maximum water consumption during peak summer season will be 5.0 KLD.
ii.	Garland drain and siltation ponds of appropriate size should constructed for the working pit to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, greenbelt development etc,. The drains should be regularly desilted particularly	Mine sump will be developed and water will be utilized for greenbelt and dust suppression.
iii.	Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells by the project proponent in the around project area in consultation with Regional Director, CGWB, Southern Region, Hyderabad. Data thus collected should be sent at regular interval to MoEF, CGWA and CGWB Southern Region, Hyderabad.	Ground water level and quality monitoring carried out on quarterly basis through third party
vi.	Suitable conservation measures to augment groundwater resources in the area shall be planned and implemented in consultation with Regional Director CGWB, Southern Region, Hyderabad. Suitable measures should be taken for rainwater harvesting.	Mine sump will be developed which will help to augment groundwater resources in the area.
v.	Permission from the competent authority should be obtained for drawl of ground water, if any, required for this project.	No ground water requirement.
3)	Solid Waste	
i.	Topsoil, if any, shall be stacked properly with proper slope with adequate measures and should be used for plantation purpose.	Top soil 42314.79 m3 will be generated during life of the mine. Top soil generated during mine development will be utilized for afforestation and back filling in the mine lease area.
ii.	The following measures are to be adopted to control erosion of dumps.	
	➤ Retention / toe wall shall be provided at the foot of the dumps	There are no dumps generations in the subject mine.
	➤ Worked out slopes are to be stabilized by planning appropriate shrub/ grass species on the slopes.	Mine will be worked in two benches only. Worked out slopes will be suitably stabilized
	➤ Regulatory authority prior concurrence shall be taken for this activity.	Concurrence have been taken from concerned

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		regulatory authority.
iii.	Water oils, used oils generated from the EM machines, mining operations, if any, shall be disposed as per the Hazardous Waste (Management, Handling, and transboundary movement) Rules 2008 and its amendments thereof to the recyclers authorised by APPCB.	Waste oil / used oil being disposed as per the Hazardous Waste (Management, Handling, and transboundary movement) Rules 2008 and its amendments thereof to the recyclers authorised by APPCB.
iv.	The proponent will be squarely responsible for proper implementation of solid waste management plan, prevention of air pollution, water pollution and any other kind of pollution /health hazard.	Necessary measures has been carried out to ensure prevention of air pollution & water pollution and any other kind of pollution /health hazard as applicable.
General Conditions:		
i.	The order is valid for a period of 5.3 years or the expiry date of mine lease period issued by the Government of A.P., whichever is earlier.	----
ii.	While giving CFE/CFO the APPCB is to kindly ensure compliance of guideline issued in G.O. RT No.229 dated 16.04.2020 and Memo.No.COVID-19/2020/HMPW dt 18.04.2020 issued by Medial Health and Family Welfare department, Govt of AP and the Ministry of Home Affairs order No.40-3/2020/DM/DA dt 15.04.2020 scrupulously.	----
iii.	The proponent shall scrupulously follow any condition stipulated by Revenue department / Panchayat Raj/Municipal Administration /local self-government bodies (Gram panchayat/Gram secretariat) in ensuring safety to human and animal life. The APPCB to ensure the same while according CFE/CFO.	----
iv.	Proponent shall ensure that there is no disturbance to flora and fauna. Serenity of nature must be protected at any cost.	Necessary measures being followed to ensure safety of flora and fauna.
v.	In respect of government land for mining, the responsibility fixed on AD mines to check whether necessary clearances from revenue department are obtained.	No Govt land involved.
vi.	In case of patta land given in lease area for mining, ADMG should verify the land lease documents	Lease is granted after verification of Land documents.
vii.	In case of forest land given in lease area for mining, the proponent shall scrupulously adhere to the mining conditions stipulated by eh	Forest land is not involved.

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	government of AP.	
viii.	Any change in mining plan/ production / mining methodology, the proponent shall apply afresh EC	There is no change in mining plan/ production / mining methodology.
ix.	While taking up mining activities the proponent shall meticulously follow approved mining plan / Form-I/EMP.	Mining activities being complied with approved mining plan / Form-1.
X	Once in a year proponent shall conduct impact analysis on environment by reputed institute recognized by DGMS.	Necessary impact analysis being conducted as per DGMS.
xi.	Consent for establishment & consent for operation shall be obtained from APPCB under the Air & Water act to carry on mining.	CFE was obtained under the Air & Water act from APPCB vide order No. KNL-988/PCB/ZO-KNL/CFE/2020 dated 09.02.2021. CFO Order No. KNL - 988/APPCB/ZO-KNL/CFO/2021 dated: 21.12.2021 Valid up to 31.03.2027
xii.	No change in mining technology and scope of working should be made without prior approval of the SEIAA, A.P. No further expansion or modification in the mine shall be carried out without prior approval of the SEIAA, AP/MoE&F, Gol, New Delhi, as applicable.	No change in mining technology and scope of working will be made without prior approval of the SEIAA, A.P. and no further expansion or modification in the mine will be carried out without prior approval of the SEIAA, AP.
xiii.	The project proponent shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitoring data (both in hard copies as well as by email) to the MoEFCC, Chennai; SEIAA, AP; Zonal office of CPCB, Bangalore., District Collector and APPCB. The proponent shall upload the status of compliance of the EC conditions including results of monitored data on their website and shall update the same periodically.	EC was issued on 18.12.2020. Half –yearly compliance reports will be submitted on or before 1 st June and 1 st December of every year.
xiv.	Post environmental clearance monitoring: it shall be mandatory for the project manager to submit half yearly compliance reports in respect of the stipulated prior EC terms and conditions in hard and soft copy to SEIAA, AP on 1 st June and 1 st Dec of each calendar year (refer 10(i) of S.O.1533 (E) of MoEFCC dt 14 th Sept 2006.)	EC was issued on 18.12.2020. Half-yearly compliance reports will be regularly submitted to the Ministry's Regional Office located at Chennai as per calendar plan. A six monthly compliance report is being submitted to the Ministry at Chennai regularly. Last six months half yearly EC compliance report for the period April-22 to September-22 submitted on 22.11.2022 to eccompliance-ap@gov.in as per MoEF Notification no. SO 5845(E) SO 5845(E).

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xv.	The APPCB shall monitor the EC compliance condition stipulated by SEIAA, AP as per GO.Ms.No.120 dated 01.11.2018 of EFS&T Dept and ensure the compliance	----
xvi.	The Proponent shall obtain prior permissions and continued guidance from regulatory authorities for all the above conditions wherever it is required.	Applicable prior permissions will be obtained from concerned regulatory authorities, wherever it is required.
xvii.	All safety norms as stipulated in various laws and statues shall be scrupulously followed by the proponent. PCB shall ensure compliance to the conditions stipulated by SEIAA.	Being complied the all the conditions mentioned in the EC, CFE and CFO.
xviii.	The Proponent shall follow G.O. Ms. 107 wherever applicable Consent for Establishment shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act before the start of any activity/construction work at site.	All Mandatory clearances obtained from APPCB.
xix.	Officials from the Regional Office of MOEF&CC, Chennai/ The SEIAA, Andhra Pradesh through the Regional Offices of Andhra Pradesh Pollution Control Board, who would be monitoring the implementation of environmental safeguards, should be given full co-operation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the CCF., Regional Office to MOEF&CC, Chennai.	Full cooperation will be extended to the inspecting officers.
xx.	Officials from the Regional Office of MoE&F, Bangalore who would be monitoring the implementation of environmental safeguards should be given full co-operation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the CCF, Regional Office to MoE&F, Bangalore.	Full cooperation will be extended to the inspecting officers.
xxi.	Four ambient air quality –monitoring stations should be established in the core zone as well as in the buffer zone. 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.	Four Ambient air qualities –monitoring stations established in the in the buffer zone based on meteorological data. And one AAQ monitoring station installed at Mining area
xxii.	Data on ambient air quality should be regularly submitted to the Ministry including its Regional	EC was issued on 18.12.2020.

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	Office located at Bangalore and the State Pollution Control Board/Central Pollution Control Board once in six months.	Data on ambient air quality will be regularly submitted to the Ministry's Regional Office located at Chennai once in six months.
xxiii.	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.	Personnel working in dusty areas will be provided with PPE.
xxiv.	The project proponent shall ensure that no natural watercourse and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.	It will be ensured that no natural watercourse and / or water resources are obstructed due to any mining operations.
xxv.	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.	Occupational health surveillance program of the workers will be undertaken periodically.
xxvi.	A separate environmental management cell with suitable qualified personnel should be set-up under the control of Senior Executive, who will report directly to the Head of the Organisation.	Separate environmental management cell with suitable qualified is set-up.
xxvii.	The funds earmarked for environmental protection measures (Capital cost of Rs.15.0 Lakhs & Recurring cost of Rs. 6.0 lakh/annum) should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Bangalore.	The funds earmarked for environmental protection measures (Capital cost & Recurring)will be maintained in separate head and year wise expenditure will be reported to the Ministry's Regional Office located at Chennai
xxviii.	At least 2% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan shall be prepared in accordance to the MoEF &CC's office Memorandum No. F.No.22-65/2017-IA.III, dated .01.05.2018 and submit to the SEIAA, A.PO and Ministry's Regional Office, Chennai.	2% of the total project cost will be allocated for CER.
xxix.	The project proponent shall submit the copies of the environmental clearance to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Copy of the environmental clearance order submitted to Gram Panchayat of Nandavaram village on 19.03.2021 for public display.
Xxx	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	Advertisement published in two local newspapers vide The Hans India and Vaartha on 20.03.2021 & 21.03.2021 respectively.

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	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 SEIAA, A.P.	
xxxi.	The SEIAA or any other competent authority may alter/modify the above conditions or stipulated any further condition in the interest of environment protection.	Implementing the conditions stipulated in the EC order.
xxxii.	The proponent shall obtain all other mandatory clearances from respective departments.	<p>The Mining Plan was approved by Govt. of AP Department of Mines & Geology vide Letter No. 755/MP-BPL/2020 dated 27.07.2020.</p> <p>CFE was obtained under the Air & Water act from APPCB vide order No. KNL-988/PCB/ZO-KNL/CFE/2020 dated 09.02.2021.</p> <p>CFO Order No. KNL - 988/APPCB/ZO-KNL/CFO/2021 dated: 21.12.2021</p> <p>Valid up to 31.03.2027</p> <p>Govt. of Andhra Pradesh granted mining lease vide proceedings No. 1205/D10/2020 dated 25.03.2021 for lime kankar for period of 20 years.</p>
xxxiii.	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	-----
xxxiv.	Concealing the factual data or failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	-----
xxxv.	The SEIAA may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further conditions in the interest of environment protection.	We will ensure to implement condition stipulated in the EC order.
xxxvi.	SEIAA also reserves the right to cancel the EC issued at any time. If EC has been obtained by the proponent though suppression of any information or furnishing false information.	-----
xxxvii.	The above conditions will be enforced inter-alia under the provisions of the Water (Prevention & control of Pollution) Act, 1974, the Air	-----

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	(Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	
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