



File No.: J-11015/152/2008-IA.II(M)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Dated 14/08/2025



To,

Mr. AVULA SEETHARAMI REDDY
M/s. RAIN CEMENTS LIMITED
34, Rain Center, Srinagar Colony, HYDERABAD, TELANGANA, Opp Indian Bank, 500073
seetharamireddy@priyacement.com

Subject: Enhancement of Limestone production from 1.6 MTPA (ROM) to 3.94 MTPA (RoM) with total excavation of 3.9475 MTPA (ROM 3.94MTPA + TS 0.0075 MTPA) in the Mine Lease area of 417.95 ha by M/s Rain Cements Limited located at Villages Revoor & Mellacheruvu, Mellacheruvu Mandal, District Suryapet, Telangana - For Environment Clearance reg.

Sir/Madam,

This is in reference to your online application No. IA/TG/MIN/481840/2024 dated 08/04/2025, submitted to this Ministry for the grant of prior Environmental Clearance (EC) under the provisions of the EIA Notification, 2006 and its subsequent amendments, for the project titled Enhancement of Limestone Production from 1.6 MTPA (ROM) to 3.94 MTPA (ROM), with a total excavation of 3.9475 MTPA (comprising 3.94 MTPA ROM and 0.0075 MTPA topsoil). The project is located within a mine lease area of 417.95 ha at villages Revoor and Mellacheruvu, Mellacheruvu Mandal, Suryapet District, Telangana, and is proposed by M/s Rain Cements Limited.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24A0000TG5751030N
(ii) File No.	J-11015/152/2008-IA.II(M)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vi) Sector	Non-Coal Mining
(vii) Name of Project	Enhancement of limestone production from 1.6 MTPA (ROM) to 3.94 MTPA (ROM) with total excavation of 3.9475 MTPA (ROM 3.94 MTPA + TS 0.0075 MTPA) in the mine lease area of 417.95 ha at Revoor & Mellacheruvu villages, Mellacheruvu Mandal, Suryapet district, Telangana

(viii) Location of Project (District, State)
(ix) Issuing Authority
(x) Applicability of General Conditions

of M/s. Rain Cements Limited
SURYAPET, TELANGANA
MoEF&CC
No

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-2 (Part A, B and C)/ EIA & EMP Reports were submitted to the MoEF&CC for an appraisal by the EAC under the provision of EIA notification 2006 and its subsequent amendments.

4. The above-mentioned proposal has been considered and recommended by EAC in the meeting held on 22.04.2025. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal link https://parivesh.nic.in/utildoc/126205669_1746278460349.pdf.

5. However, due to the observations raised by the Competent Authority, while processing the file, the proposal was again reconsidered by EAC in the meeting held on 25-26/06/2025. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above.

6. Observation and Recommendation of Committee:

The Expert Appraisal Committee (EAC) deliberated the instant proposal for Enhancement of Limestone production from 1.6 to 3.94 MTPA (ROM) with total excavation of 3.9475 MTPA (ROM 3.94 MTPA + Top Soil 0.0075 MTPA) in the mine lease area of 417.95 ha of M/s Rain Cements Limited, located at Revoor & Mellacheruvu villages, Mellacheruvu Mandal, Suryapet district, Telangana.

The project is classified under Category "A" and falls under Activity 1(a)-3 of the schedule of the EIA Notification, 2006. PP had obtained the Terms of Reference on 14.09.2022 for enhancement of Limestone production from 1.6 MTPA (ROM) to 3.94 MTPA (ROM) with total excavation of 3.9475 MTPA (ROM 3.94 MTPA + TS 0.0075 MTPA) in the mine lease area of 417.95 ha.

The instant proposal was recommended in the 43rd EAC meeting held during 22-23 April 2025. Upon uploading the minutes on Parivesh Portal it was noted that in the Minutes of the 43rd Meeting of the Expert Appraisal Committee (Non-Coal Mining Sector) held on 22nd-23rd April, 2025, an inadvertent has been occurred in the specific conditions number xix and xx of the environmental clearance proposal of M/s Rain Cements Limited, located at Suryapet, Telangana

The following conditions were incorporated in the approved minutes:

xix. To address the concerns raised by the public in the public hearing, PP should complete its public hearing commitments within 3 years. PP shall comply with all action plans made for public hearing concerns and make regular maintenance and record the progressive activity outcomes. The Project proponent shall ensure that the activities proposed under the public hearing is different from the CSR activities. PP should ensure that points raised with respect to land acquisition in public hearing are properly addressed and a fair compensation of land is paid to PAPs/ PAFs. PP shall submit a report related to land acquisition to concerned Regional Office of MoEFCC, District Collector/ District Magistrate and also copy to IA (NCM) MoEFCC in every three months, for initial two years. MoEFCC may take appropriate decision in this regard based on the reports submitted by PP in this regard.

xx. The Project Proponent needs to provide the good quality drinking water supply and also by laying network of pipelines to the local people of the nearby village Harima & Sarasani free of cost. PP needs to install water treatment plant and process the water before supplying to the villages.

However, the conditions were intended to be the following:

xix. To address the concerns raised by the public in the public hearing, PP should complete its public hearing commitments within 3 years. PP shall comply with all action plans made for public hearing concerns and make regular maintenance and record the progressive activity outcomes. The Project proponent shall ensure that the activities proposed under the public hearing is different from the CSR activities. PP should ensure that points raised with respect to land acquisition in public hearing, *if any*, are properly addressed and a fair compensation of land is paid to PAPs/PAFs. PP shall submit a report related to land acquisition to concerned Regional Office of MoEFCC, *in six monthly compliance reports*. MoEFCC may take appropriate decision in this regard based on the reports submitted by PP in this regard.

xx. The Project Proponent needs to provide the good quality drinking water supply and also by laying network of pipelines to the local people of the nearby villages Revoor, Kappalakunta Tanda, and Medlache free of cost. PP needs to install water treatment plant and process the water before supplying to the villages.

Accordingly, same was circulated among EAC members vide email dated 04.05.2025 for corrigendum to be issued in the Minutes of the 44th EAC meeting.

Based on the above, file was processed for grant of Environmental Clearance. During processing following query was raised:-

“All the non-compliances mentioned as agreed to comply in the CCR be deliberated for failure to comply be explained”

Accordingly, following ADS was raised by the Ministry in Parivesh Portal on 30.05.2025-*“Some conditions in the CCR dt 22.03.2024 has been mentioned as "Agreed to comply". PP needs to explain the reasons. PP needs to provide the timeline till which all the EC conditions can be completely complied”*.

PP replied to the aforesaid ADS on 02.06.2025. The reply was examined and it was observed that few essential documents/information were still not submitted . Again an ADS was raised on 03.06.2025 for the following requisite information:-

PP submitted the reply to the aforesaid ADS on 13.06.2025 and thereafter the proposal was referred in the 46th EAC meeting held during 25-26 June 2025. During the meeting EAC deliberated the point wise reply submitted by PP with regard to compliances of EC conditions, particularly ‘agreed to comply’ points.

PP submitted point wise justification and compliance of specific and general conditions. In respect of “Agreed to Comply” specific conditions such as inter burden generation and stacking, PP submitted that as there is no inter burden and no waste generation in the mining lease area, there is no need of maintaining inter burden dumps. However, in future; if waste generation will occur, then waste management will be done considering the specific condition as mentioned and as per Mining Plan duly approved by IBM. PP also submitted the same response in respect of modification of mine plan of the project at the time of seeking approval for the next mining scheme from the Indian Bureau of Mines(for existing EC sp. condition xxiv).

Regarding the conversion of unfilled void to water body, PP submitted that at present mine working is in operation and water is being stored in lower most benches which is further utilized in dust suppression and greenbelt and plantation. PP added that there are three mine sumps in the two mine pits. Mine sumps in Pit 1 with capacity of 1,20,112 KL (3rd Bench Sump: 19,200 KL & 4th Bench sump 1,00,912 KL) and one mine sump in Pit 2 with capacity of 44800 KL are present which improves the ground water recharge. PP further mentioned that the condition regarding conversion of unfilled void to water body is for the life of mine. At conceptual stage 146.66 ha will be converted into water reservoir. PP will also do terracing and plantation to stabilise the slopes of higher benches at the end of life of mine, as excavation from the existing pit is in continuation. PP will provide easy accessibility for local people to use the water, once the mineral is completely exhausted. Peripheral fencing has already been done along the excavated area. All other measures will be taken as per the approved mining plan with Progressive Mine Closure Plan. Compliance of the said condition will be continued till the end of life of mine.

In respect of top soil stacking PP reported that at present ~0.12 million cum of top soil has been generated and same is utilized for greenbelt and plantation. Top spoil which is available in between the out crops is directly used every year for green belt development. Thus, there is no need to stack top soil in the mining lease area. However, in future; if top soil generation will be in such large quantity that cannot be utilized for plantation, then in that case stacking of top soil will be

done considering the specific condition as mentioned and as per Mining Plan duly approved by IBM.

Regarding implementation of DGMS safety norms, PP replied that they have implemented all the safety norms stipulated by the Directorate General of Mines Safety. With regard to implementation of CREP, PP informed that they have implemented all the recommendations made in the chapter on CREP, including plantation, water sprinkling, environmental protection, and pollution monitoring.

Similarly, PP also submitted the compliance status of the “Agreed to Comply” general conditions”. Regarding industrial waste water treatment, PP submitted that they have provided oil and grease traps, and the treated water is used for the green belt development. STP has been provided to treat the colony's domestic effluents and the treated water being utilised for plantation purpose. PP also presented the photographs of the Oil & Grease Trap and STP. Further, with respect to proper housekeeping and adequate occupational health programmes, PP informed that they are organising the Occupational Health Surveillance programs regularly including lung function and sputum analysis tests once in six months, records are being maintained, and good housekeeping is maintained in mines and plant.

On issues related to eco-development measures including community welfare PP submitted that they have implemented eco- development measures, including community welfare initiatives such as laying concrete roads, providing access to drinking water, education facility and health facility. Major development work done by company recently in the area is construction of Priya Cement International School which can accommodate around 2000 students with CBSE syllabus. The estimated cost Rs. 26 Crores. The school is going to obtain IGBC (Indian Green Building Council), Establishment of Priya Cement Free Primary Hospital Unit 1 in Ramapuram with free medical care, and emergency ambulance facility for patients, development of Govardhan Ghosala houses with a total of 182 cows, comprising 64 males and 118 females and establishment of Organic Waste Convertor Unit on 8th January 2021 to maximize recycling, minimize waste. During last five-year Company has spent a total amount of Rs 8.7 crore in development of the area.

With reference to implementation of EIA/EMP, PP submitted that they are complying with all environmental protection measures and safeguards, which were recommended in the EIA/EMP. Analysis of Air, Noise and water is being done and submitted to Regional Office at regular interval which shows that all the parameters are within prescribed standards. Further, with respect no change in mining technology, PP reported that they have not changed the mining technology and scope of working. With respect to the provision of protective respiratory devices to personnel working in mine, PP informed that they have provided protective respiratory devices to all personnel working in dusty areas and they have been trained and informed on safety and health aspects. PP also informed that they are conducting occupational health surveillance programs annually and monitoring all parameters and Compliance of the said condition will be continued in future also.

In addition to above, PP also presented the reply to ADS raised on 03.06.2025. The committee also noted that the Deputy Director of Mines Safety conducted the site visit on 08.03.2024 and 12.07.2023 for which compliance has been submitted on 20.05.2024 and 18.11.2023 respectively. In the compliance it was submitted that the PP has recruited the recommended manpower and remaining vacancies. Corrected Blasting pattern was also submitted to the Director of Mines Safety.

Regarding use of oil recovered from Oil & Grease trap, PP informed that total of 27.5 liters of oil and 20.95 kg of grease were withdrawn in 2024, while 11.5 liters of oil and 8.15 kg of grease were withdrawn from January 2025 to May 2025. PP submitted the copy of log book showing oil withdrawal done from oil and grease trap. PP reported that occupational health, initial and periodical medical examinations are regularly conducted for employees. During the years 2022–2025, no major diseases were observed among the workforce. Additionally, the Company is providing clean water supply facilities to the villages of Revoor, Ramapuram, Revuru, Kuchupudi, and Buggamadhavaram, benefitting a total of 644 families.

Committee found the response of the Project Proponent w.r.to.EC conditions as satisfactory. At present, there is no generation of interburden or waste, and topsoil is being utilized for greenbelt development, avoiding stacking of topsoil. Water accumulated in mine sumps is reused for dust suppression and plantation, and reservoir will be developed post-mining. All Mining activities, are being undertaken as per the approved Mining Plan and Progressive Mine Closure Plan duly approved by IBM. It was also observed that the project proponent has implemented eco-development measures, occupational health and safety programs, and community welfare initiatives such as the construction of educational institutions, healthcare facilities, and organic waste management systems. The Project Proponent has also agreed to continue all compliances until the end of the mine life. EAC also noted the corrigendum in minutes of the 43rd EAC

meeting held during 22-23 April 2025 has not been issued yet with regard to inadvertent typographical error in specific condition xxix and xx.

Further vide email 26.06.2025, PP submitted an undertaking that common EIA/EMP report has been prepared for cement plant and limestone without change in data/details which were submitted earlier for separate public hearing except inclusion of public hearing action plan prepared for limestone mine and cement plant and submitted to Regional Office, Telangana. PP also submitted that public hearing for mine and cement plant was held at same venue (Project Site) with presence of same public on 20.01.2024 at 10.30 AM (Cement Plant) and 12.30 PM (Limestone Mine). Vide aforesaid email, PP also submitted the details of statutory manpower working within the mine and the test report showing the results of airborne dust survey. The report indicated that dust concentration were well within the threshold limit.

6. Based on aforesaid discussions and presentation made by the Project Proponent and the Consultant, the Expert Appraisal Committee (EAC), in 46th EAC meeting held on 25-26th June, 2025 under the provisions of the EIA Notification, 2006 and its subsequent amendments, reiterated the recommendation made vide minutes of the 43rd EAC meeting held during 22-23 April 2025 for the grant of Environmental Clearance for enhancement of Limestone production from 1.6 to 3.94 MTPA (ROM) with total excavation of 3.9475 MTPA (ROM 3.94 MTPA + Top Soil 0.0075 MTPA) in the mine lease area of 417.95 ha of M/s Rain Cements Limited, located at Revoor & Mellacheruvu villages, Mellacheruvu Mandal, Suryapet district, Telangana and is subject to the certain specific conditions, in addition to the standard conditions applicable to Non-Coal mining projects (**Annexure I**). In addition to above, the EAC in the 46th meeting recommended the following corrigendum with respect to specific condition number xix and xx issued vide minutes of 43rd EAC meeting held on 22-23rd April, 2025:

S.No.	Specific condition as per Minutes of 43 rd EAC meeting held during 22-23 April 2025.	Corrigendum in specific condition issued vide minutes of the 46 th EAC meeting held during 25-26 June 2025
xix	To address the concerns raised by the public in the public hearing, PP should complete its public hearing commitments within 3 years. PP shall comply with all action plans made for public hearing concerns and make regular maintenance and record the progressive activity outcomes. The Project proponent shall ensure that the activities proposed under the public hearing is different from the CSR activities. PP should ensure that points raised with respect to land acquisition in public hearing are properly addressed and a fair compensation of land is paid to PAPs/ PAFs. PP shall submit a report related to land acquisition to concerned Regional Office of MoEFCC, District Collector/ District Magistrate and also copy to IA (NCM) MoEFCC in every three months, for initial two years. MoEFCC may take appropriate decision in this regard based on the reports submitted by PP in this regard.	To address the concerns raised by the public in the public hearing, PP should complete its public hearing commitments within 3 years. PP shall comply with all action plans made for public hearing concerns and make regular maintenance and record the progressive activity outcomes. The Project proponent shall ensure that the activities proposed under the public hearing is different from the CSR activities. PP should ensure that points raised with respect to land acquisition in public hearing, if any, are properly addressed and a fair compensation of land is paid to PAPs/PAFs. PP shall submit a report related to land acquisition to concerned Regional Office of MoEFCC, in six monthly compliance reports. MoEFCC may take appropriate decision in this regard based on the reports submitted by PP in this regard.
xx	The Project Proponent needs to provide the good quality drinking water supply and also by laying network of pipelines to the local people of the nearby village Harima & Sarasani free of cost. PP needs to install water treatment plant and process the water before supplying to the villages.	The Project Proponent needs to provide the good quality drinking water supply and also by laying network of pipelines to the local people of the nearby villages Revoor, Kappalakunta Tanda, and Medlache free of cost. PP needs to install water treatment plant and process the water before supplying to the villages

7. The details of the project as per the information submitted by the Project Proponent are enclosed as Annexure (II).

8. The Ministry of Environment, Forest and Climate Change (MoEF&CC) has examined the proposal in accordance with the provisions of the Environmental Impact Assessment (EIA) Notification, 2006 and its subsequent amendments. Based on the recommendations of the Expert Appraisal Committee (EAC), the Ministry hereby accords Environmental Clearance for the proposal submitted by M/s Rain Cements Limited for the enhancement of limestone production from 1.6 MTPA (ROM) to 3.94 MTPA (ROM), with a total excavation of 3.9475 MTPA (comprising 3.94 MTPA of ROM and 0.0075 MTPA of topsoil), in the mine lease area of 417.95 ha, located at Revoor and Mellacheruvu villages, Mellacheruvu Mandal, Suryapet District, Telangana. This clearance is granted under the provisions of the EIA Notification, 2006 and its subsequent amendments, and is subject to compliance with the Specific and Standard Environmental Clearance conditions as specified in Annexure (I).

9. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006, as amended. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.

10. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

11. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

12. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.

13. General Instructions:

- a. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC website where it is displayed.
- b. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.
- c. The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.
- d. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
- e. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- f. The Regional Office of this MoEF&CC 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.
- g. Any appeal against this EC 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.
- h. PP needs to comply the OM dated 24.07.2024 of MoEF&CC, where it is stated that the plantation of saplings shall be carried out in the earmarked 33% greenbelt area as part of the tree plantation campaign " EK Ped Ma ke Naam" (एक पेड़ माँ के नाम) (and the details of the same shall be uploaded in the MeriLife portal (<https://merilife.nic.in>)).

14. This issue with an approval of the Competent Authority.

Copy To

- i. **The Secretary**, Ministry of Mines, Government of India Shastri Bhawan, New Delhi.
- ii. **The Secretary**, Department of Environment, Government of Telangana, Hyderabad.
- iii. **The Secretary**, Department of Forests, Government of Telangana, Hyderabad.
- iv. **The Secretary**, Department of Mines and Geology, Government of Telangana, Hyderabad.
- v. **The Secretary**, Department of Industries and Commerce (M-III), Government of Telangana, Hyderabad.
- vi. **The Deputy Director General of Forests (C)**, MoEFCC Sub Regional Office, 3rdFloor, Room No. 309, Aranya Bhawan, Opp. RBI, Safiabab – 500004, Hyderabad, Telangana.
- vii. **The Chief Wildlife Warden**, Government of Telangana, Telangana Forest Department, Aranya Bhavan, Saifabad, Hyderabad-500004.
- viii. **The Chairman**, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
- ix. **The Chairman**, Telangana State Pollution Control Board, A-3, Paryavaran Bhavan, Sanath Nagar Rd, Sanath Nagar Industrial Estate, Sanath Nagar, Hyderabad, Telangana-500018.
- x. **The Member Secretary**, Central Ground Water Authority, A 2, W-3, Curzon road, Barracks, K.G Marg, New Delhi-110011.
- xi. **The Controller General**, Indian Bureau of Mines, Indira Bhavan, Civil Lines, Nagpur- 440 001.
- xii. **Director General**, Directorate General of Mines Safety, Hirapur, Dhanbad-826001.
- xiii. **The District Collector**, Suryapet District, Government of Telangana.
- xiv. **Guard File.**
- xv. **PARIVESH Portal.**

Annexure 1

Specific EC Conditions for (Mining Of Minerals)

1. Specific Conditions

S. No	EC Conditions
1.1	PP shall comply with conditions of NoC issued from South Central Railway Department vide letter dated 28.02.2025. PP needs to prepare a protocol during blasting operations and same has to be communicated with the railway department at the project site. PP needs to ensure that there is no blasting during movement of trains.
1.2	PP shall comply with the recommendations of the blast vibration study conducted by the National Institute of Technology (NIT), Karnataka.
1.3	No blasting activities shall take place within 500 meters from the residential areas located in the villages of Revoor, Kappalakunda Tanda and Shiva Balaji Tanad without prior permission from DGMS.
1.4	PP shall not plant Conocarpus species in the green belt, as given in the recommendations made in Certified Compliance Report dated 08.04.2025.
1.5	PP shall carryout the blasting in a controlled manner such that the direction of the blasting should be perpendicular to the village/ habitations. PP needs to strictly adhere to MMR (Metalliferous Mines Regulation) 1961 / DGMS guidelines for undertaking blasting activity so that safety is ensured and

S. No	EC Conditions
	chances of ground vibration and overpressure are minimized. PP needs to monitor each blast by Seismograph and maintain blast wise record.
1.6	The natural water bodies and or streams which are flowing in and around the mine lease area should not be disturbed. PP shall consult state Water Resource department and SPCB regarding safeguards for Nallah/Stream/naadi and follow their instructions. Implementation status of this condition should be communicated to Regional office, Bangalore.
1.7	The Project Proponent shall continue to monitor the air quality, noise level, water quality, water level and ground vibration during drilling and blasting at the edge of the mine, near the village, at crusher and at other sensitive receptors and such collected data shall be submitted quarterly to the Ministry's Regional Office.
1.8	The Project Proponent should install Continuous Ambient Air Quality Monitoring Stations (CAAQMS) as per the scientific study and in consultation with CPCB/SPCB. The real time data so generated should be displayed digitally at entry and exit gate of mine lease area for public display and shall be linked to server of CPCB/SPCB.
1.9	The Project Proponent should follow-up the status of implementation on Wildlife Conservation Plan from the Forest Officials and the same shall be submitted to the Ministry's Regional Office in the six monthly compliance reports.
1.10	The Project Proponent needs to use modern equipment's such as Camera Traps for ensuring presence and movement of wild animals in the study area in consultation with Wildlife Wing of Forest Department. Appropriate interventions shall be taken to minimise stress conditions for wild animals and to avoid Man-Animal conflict.
1.11	Tarpaulin covering should be done appropriately with no scope for ore spillage. The Project Proponent shall take adequate measures to prevent the pilferage of mineral during its transportation. Drivers, truck operators should be imparted training on the adverse effects of dust pollution, water pollution due to ore spillage on roads.
1.12	The Project Proponent needs to install the permanent water sprinklers in addition to mobile water tankers along the haul road and the approach road. Further, 06 nos. of fog canon/mist sprayer of at least 40 m throw shall be installed at various locations in the mine area. Effective dust suppression system shall also be adopted at other parts of the mining lease to arrest the fugitive dust emission. One fog cannon at nearby school shall be installed along with metal wind screen. Fog cannons may also be placed near habitation side.
1.13	The Project Proponent shall explore the possibility of using atleast 20% of Electric vehicles/CNG/Solar instead of diesel operation within three years. PP needs to install solar power plant at the earliest to reduce dependency on conventional power supply from state.
1.14	The air pollution control equipment's like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at areas prone to air pollution. PP shall take necessary measures to avoid generation of fugitive dust emissions. 3 sides of crusher should be covered with Noise barrier sheets. Permanent water sprinklers needs to be installed at 3 sides of crushers for dust suppression and near the unloading platform of limestone.

S. No	EC Conditions
1.15	The Project Proponent should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground). A dedicated team to oversee environment management shall be setup at site which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis instead of engaging environment monitoring laboratories/consultants. Any non-compliance or infringement should be reported to the concerned authority.
1.16	The Project Proponent should adopt the proper mitigation measures as proposed under EMP. The adoption of mitigation measures and monitoring of the same as proposed in the EMP shall be done under the supervision of the qualified environmental personnel. The implementation status of the same shall be submitted to the Ministry's Regional Office.
1.17	The Project Proponent shall conduct third party audit of compliance of EC condition at an interval one year and its report shall be submitted to RO, MoEF&CC.
1.18	The Project Proponent shall ensure the survival rate of 95% for planting the gap plantation and new plantation. The Project Proponent shall make the actual count on the saplings planted and its survival rate and in case of failure of achievement of 95% survival rate, action plan for achieving the target survival rate shall be submitted to the Ministry's Integrated Regional Office. Density of plantation should be 2500 plants/ha). PP shall make provision for drip irrigation to conserve the water. PP should plant fruit bearing trees, along with other native and allied species within the ML area. Thick green belt between the mining zone and habitations shall be maintained so that there is adverse effects of dust and other mining operations. This green belt shall be developed at the earliest.
1.19	To address the concerns raised by the public in the public hearing, PP should complete its public hearing commitments within 3 years. PP shall comply with all action plans made for public hearing concerns and make regular maintenance and record the progressive activity outcomes. The Project proponent shall ensure that the activities proposed under the public hearing is different from the CSR activities. PP should ensure that points raised with respect to land acquisition in public hearing, if any, are properly addressed and a fair compensation of land is paid to PAPs/PAFs. PP shall submit a report related to land acquisition to concerned Regional Office of MoEF&CC, in six monthly compliance reports. MoEF&CC may take appropriate decision in this regard based on the reports submitted by PP in this regard.
1.20	The Project Proponent needs to provide the good quality drinking water supply and also by laying network of pipelines to the local people of the nearby villages Revoor, Kappalakunta Tanda, and Medlache free of cost. PP needs to install water treatment plant and process the water before supplying to the villages.
1.21	The Project Proponent shall provide the rainwater harvesting structure at mine offices and quarters/colonies in consultation with CGWA/SGWB to recharge the ground water.
1.22	PP needs to construct sedimentation ponds, check dam, gabion structures, retaining wall, garland drain around the dumps (ore, waste, top soil) etc. to safeguard the natural Streams/Nallahs flowing in and around the Lease area.
1.23	The Project Proponent shall also organize employment-based apprenticeship/ internship training program every year with appropriate stipend for the youth and other programs to enhance the skill

S. No	EC Conditions
	of the local people. The data should be maintained for the training imparted to the persons and the outcome of the training, for the assessment of the training program should be analyzed periodically and improved accordingly. PP shall provide training related to sewing, laptop/ mobile repairing, masala(species) grinding/manufacturing etc. to the people of nearby villages so that alternate source of income is generated. PP should maintain a register of such training programs and submit a copy of concerned Regional Offices along with six monthly compliance report.
1.24	PP shall submit certified compliance report from Regional Office. MoEFCC with respect to compliance of EC conditions stipulated within two years of this EC.
1.25	The Project Proponent should periodically monitor and maintain the health records of the mine workers digitally prior to mining operations, at the time of operation of mine and post mining operations. Regular surveillance shall be carried through regular occupational health check-up every year for mine workers. PP shall also organize medical camp for the benefit of the local people villagers and also the monitor the health impacts due to mining activity. A register of such medical camps for local people should be kept and a copy shall be submitted to concerned Regional Office of MoEFCC.
1.26	The mobile water tankers should be used in the ML area for dust suppression and control. A logbook of water tankers should be maintained mentioning running hours, kilometre reading, and maintenance hours of water tankers for each shift. PP shall use non-toxic chemicals for dust suppression in order to reduce the total water requirement. Copy of log book should be submitted to Regional Office of MoEFCC.
1.27	The Project Proponent should take adequate measures to prevent the fly rock falling onto the nearby habitations and also the Project Proponent needs to set up a permanent monitoring in the nearby village to monitor the blast induced ground vibration and air over pressure.
1.28	The Project Proponent needs to reduce the dependency upon the ground water, surface water (water from rivers, etc.) and it shall construct water reservoirs (at least three) within the lease area for meeting its day-to-day water needs. An implementation report in this regard needs to submitted to Ministry's Regional Office.
1.29	The mining lease holders shall, after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The implementation report of the above said condition shall be submitted to the Ministry's Regional Office.
1.30	Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities, if applicable. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.
1.31	Project proponent shall take necessary other clearances/permissions under various Acts and Rules if any, from the respective authorities / department.
1.32	PP needs to comply the OM dated 24.07.2024 of MoEFCC, wherein it is stated that the plantation of saplings shall be carried out in the earmarked 33% greenbelt area as part of the tree plantation campaign "EK Ped Ma ke Naam" (एकपेड़माँकेनाम) and the details of the same shall be uploaded in the Meri Life portal(https://merilife.nic.in).

S. No	EC Conditions
1.33	PP shall ensure that all type of plastic waste generated from the mines shall be stored separately in isolated area and disposed of strictly adhering to the Plastic Waste Management Rules 2016. In pursuant to Ministry's OM dated 18/07/2022 PP shall also create awareness among the people working in the project area as well as in its surrounding area on the ban on Single Use Plastic (SUP) in order to ensure compliance of Ministry's Notification published by the Ministry on 12/08/2021. A report along with photograph on the measures taken shall also be included in the six monthly compliance report being submitted by PP.

Standard EC Conditions for (Mining of minerals)

1. Statutory Compliance

S. No	EC Conditions
1.1	The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors before commencing the mining operations.
1.2	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
1.3	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the Ministry of Environment, Forest and Climate Change (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
1.4	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.
1.5	A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.
1.6	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
1.7	The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area."
1.8	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme

S. No	EC Conditions
	Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
1.9	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of Schedule-I species in the study area).
1.10	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
1.11	This Environmental Clearance (EC) is subject to orders/ judgment of Honble Supreme Court of India, Honble High Court, Honble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
1.12	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
1.13	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
1.14	The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred. PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.

2.

S. No	EC Conditions
2.1	The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.
2.2	The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.

3. Air Quality Monitoring And Preservation

S. No	EC Conditions
3.1	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
3.2	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
3.3	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
3.4	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. Monitor fugitive emissions in the plant premises.
3.5	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.
3.6	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.
3.7	The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to S02 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each).covering upwind and downwind directions.
3.8	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986. 9) The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to S02 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each). covering upwind and downwind directions.

S. No	EC Conditions
3.9	Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.
3.10	The project proponent use leak proof trucks/dumpers carrying ore and other raw materials and cover them with tarpaulin.

4. Water Quality Monitoring And Preservation

S. No	EC Conditions
4.1	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
4.2	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
4.3	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
4.4	Adhere to Zero Liquid Discharge
4.5	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.
4.6	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
4.7	The project proponent shall provide the slime disposal facility with impervious lining and collection wells for seepage. The water collected from the slime pond shall be treated and recycled.
4.8	The project proponent shall practice rainwater harvesting to maximum possible extent.
4.9	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.

S. No	EC Conditions
4.10	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J- 20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
4.11	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.
4.12	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
4.13	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
4.14	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
4.15	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
4.16	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.

5. Noise And Vibration Monitoring And Prevention

S. No	EC Conditions
5.1	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at

S. No	EC Conditions
	night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day /night hours.
5.2	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
5.3	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.

6. Noise Monitoring And Prevention

S. No	EC Conditions
6.1	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
6.2	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

7. Mining Plan

S. No	EC Conditions
7.1	The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, over burden, inter burden and top soil etc.); mining technology; lease area; scope of working (method of mining, overburden & dump management, O.B& dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life; etc.).
7.2	The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.

8. Energy Conservation Measures

S. No	EC Conditions
8.1	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;

S. No	EC Conditions
8.2	Provide LED lights in their offices and residential areas.

9. Waste Management

S. No	EC Conditions
9.1	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
9.2	Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plant)

10. Land Reclamation

S. No	EC Conditions
10.1	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.
10.2	The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dumps / topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.
10.3	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ leveling of dump mass. In critical areas, use of geo textiles/ geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.
10.4	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.

11. Green Belt And Emp

S. No	EC Conditions
11.1	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
11.2	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant

12. Transportation

S. No	EC Conditions
12.1	The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.
12.2	No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. [If applicable in case of road transport].

13. Public Hearing And Human Health Issues

S. No	EC Conditions
13.1	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
13.2	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
13.3	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
13.4	The project proponent shall carry out heat stress analysis for the workmen who work in high

S. No	EC Conditions
	temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
13.5	Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.

14. Green Belt

S. No	EC Conditions
14.1	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.

15. Corporate Environment Responsibility

S. No	EC Conditions
15.1	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
15.2	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest I wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
15.3	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.
15.4	The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.
15.5	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.

S. No	EC Conditions
15.6	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

16. Miscellaneous

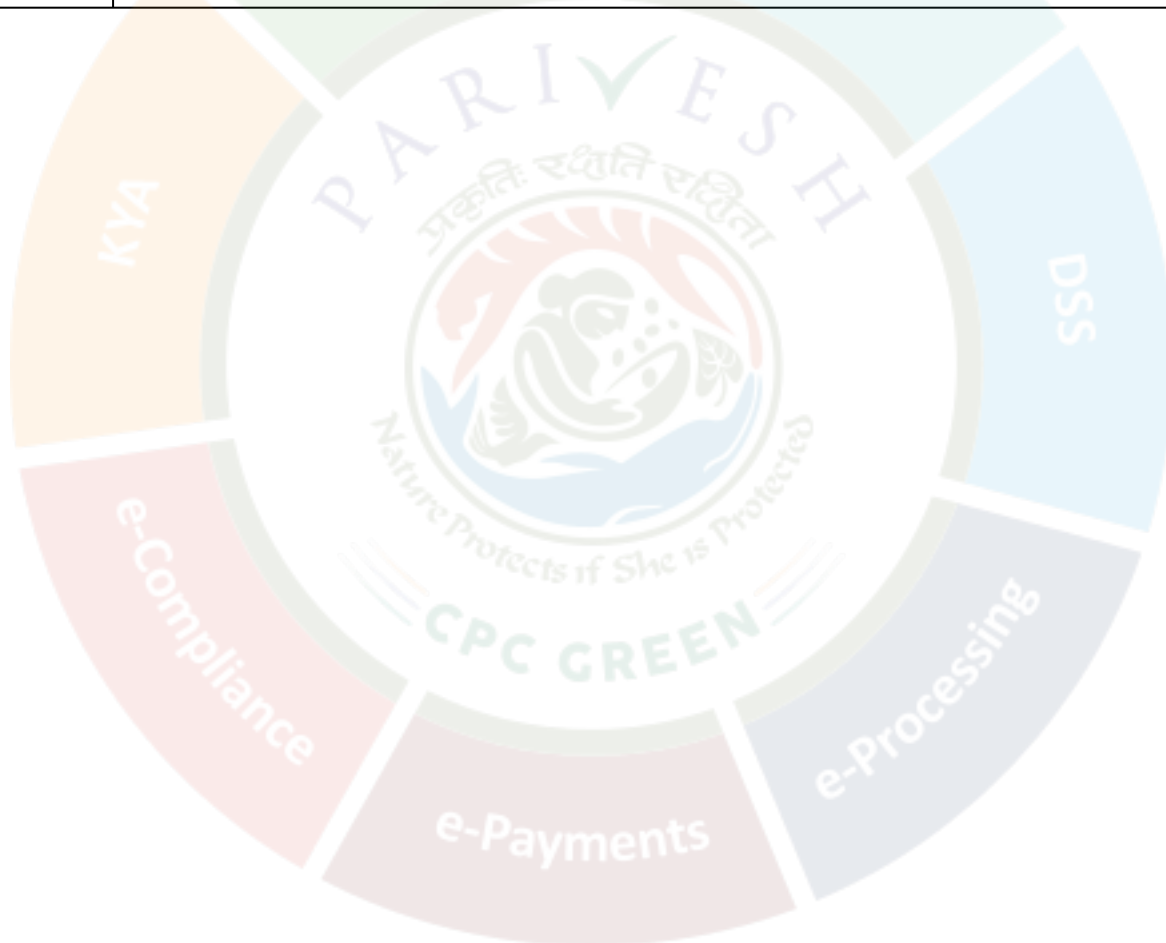
S. No	EC Conditions
16.1	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
16.2	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
16.3	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
16.4	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
16.5	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
16.6	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
16.7	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
16.8	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.
16.9	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
16.10	The copies of the environmental clearance shall be submitted by the project proponents 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.

S. No	EC Conditions
16.11	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponents website permanently.
16.12	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
16.13	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
16.14	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.
16.15	In pursuant to Ministry's O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Honble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
16.16	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.
16.17	A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF&CC.
16.18	The concerned Regional Office of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) by furnishing the requisite data / information / monitoring reports.
16.19	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
16.20	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
16.21	Concealing factual data failure to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

S. No	EC Conditions
16.22	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

17. Corporate Environment Responsibility (Cer)

S. No	EC Conditions
17.1	The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.



Annexure-II

Enhancement of Limestone production from 1.6 to 3.94 MTPA (ROM) with total excavation of 3.9475 MTPA (ROM 3.94 MTPA + Top Soil 0.0075 MTPA) in the mine lease area of 417.95 ha of M/s Rain Cements Limited, located at Revoor & Mellacheruvu villages, Mellacheruvu Mandal, Suryapet district, Telangana.

The details of the project: -

The details of the project as submitted by the Project Proponent are given under:

i. Project details:

Name of the Proposal	Enhancement of Limestone production from 1.6 to 3.94 MTPA (ROM) with total excavation of 3.9475 MTPA (ROM 3.94 MTPA + Top Soil 0.0075 MTPA) in the mine lease area of 417.95 ha of M/s Rain Cements Limited, located at Revoor & Mellacheruvu villages, Mellacheruvu Mandal, Suryapet district, Telangana.	
Location	Villages	Revoor & Mellacheruvu
	Tehsil/Taluka	Mellacheruvu
	District	Suryapet
	State / UT	Telangana
	Latitudes	16°49'23.7" N to 16°50'31.6" N
	Longitudes	79°57'39.0" E to 79°59'43.7" E
	Sol Topo sheet No.	E44T13 (56P/13) & E44T14 (56P/14)
Company's Name	M/s. Rain Cements Limited	
Accredited Consultant and certificate no.	J.M. EnviroNet Pvt. Ltd. Accredited EIA Consultant by NABET (QCI), Certificate No: NABET/EIA/2326/RA 0308, dated 29.11.2023 & valid up to 07.08.2026	
KML file	Certificate No: NABET/EIA/2326/RA 0308, dated 29.11.2023 & valid up to 07.08.2026	
Seismic zone	Zone – II as per IS: 1893 (Part-I) : 2002	

ii. Category details:

Category of the project	Category "A".
Schedule No	Project or Activity 1(a) – 3
Mining lease Area (MLA) (in ha.)	417.95 Ha
General Conditions (if any)	NIL

iii. ToR/EC Details:

PP has obtained the Terms of Reference vide file no. J-11011/152/2008-IA. II (I) and vide online Proposal No. IA/TG/MIN/256638/2022 on 14.09.2022 for enhancement of Limestone production from 1.6 MTPA (ROM) to 3.94 MTPA (ROM) with total excavation of 3.9475 MTPA (ROM 3.94 MTPA + TS 0.0075 MTPA) in the mine lease area of 417.95 ha at Revoor & Mellacheruvu villages, Mellacheruvu Mandal, Suryapet district, Telangana by M/s. Rain Cements Limited.

Date of application	Proposal No/ File No	Consideration by EAC	Details of EC	Date of accord
17.06.2024	<p>Proposal No IA/TG/MIN/481840/2024</p> <p>File No: J-11015/152/2008-IA.II (M)</p>	Considered to grant of EC	Enhancement of limestone production from 1.6 MTPA (ROM) to 3.94 MTPA (ROM) with total excavation of 3.9475 MTPA (ROM 3.94 MTPA + Top Soil 0.0075 MTPA) in the mine lease area of 417.95 ha at Revoor & Mellacheruvu villages, Mellacheruvu Mandal, Suryapet district, Telangana by M/s. Rain	<p>EC Recommended in 43rd Meeting held on 22.04.2025.</p> <p>Ministry has sought clarification that 'All the non-compliances mentioned as agreed to comply in the CCR be deliberated and reason for failure to comply be explained'.</p> <p>Therefore, Committee re-considered the proposal in</p>

			Cements Limited.	46 th EAC Meeting.
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iv. Details of Mine Lease in chronological manner

S.no.	Prospecting License/ Letter of Intent (LoI)/ Grant of Mine lease and Lr No	Date of the grant	Name of the Mineral & (Major/ Minor)	Period of Grant	Granted by	Mine lease area in Ha
1.	Grant of Mining Lease vide G.O Ms No 289 in favor of M/s. Laxmi Narayana Mining Company	08.05.1981	Limestone (Major)	29.09.1981 to 28.09.2001	Govt. of Andhra Pradesh	Acre 430.30 Guntas
2.	Transfer of Mining Lease vide G.O Ms No 402 from M/s. Laxmi Narayana Mining Company to M/s. Priyadarshini Cements Limited	15.09.1984	Limestone (Major)	For the unexpired portion of the lease i.e., upto 28.09.2001	Govt. of Andhra Pradesh	Acre 430.30 Guntas
3.	Grant of Mining Lease vide G.O Ms No 405 in favor of M/s. Priyadarshini Cements Limited	22.09.1988	Limestone (Major)	Valid upto 28.09.2001	Govt. of Andhra Pradesh	Acre 80.975 Guntas

4.	Grant of Mining Lease vide G.O Ms No 307 in favor of M/s. Priyadarshini Cements Limited	06.06.1990	Limestone (Major)	Valid upto 27.09.2001	Govt. of Andhra Pradesh	Acre 111.00 Guntas
5.	Grant of Mining Lease G.O Ms No 339 in favor of M/s. Priyadarshini Cements Limited for clubbing of the three mining leases (G.O Ms No. 402, 405 & 307)	01.10.1991	Limestone (Major)	Valid upto 27.09.2001	Govt. of Andhra Pradesh	Acre 622.29 Guntas
6.	Grant of Mining Lease vide G.O Ms No 288 in favor of M/s. Priyadarshini Cements Limited	18.08.1998	Limestone (Major)	20 years (Valid upto 10.02.2019)	Govt. of Andhra Pradesh	Acre 127.07 Guntas
7.	Grant of Mining lease vide G.O Ms No 367 in favor of M/s. Priyadarshini Cements Limited	27.10.1998	Limestone (Major)	Valid upto 10.02.2019	Govt. of Andhra Pradesh	Acre 105.32 Guntas
8.	Grant of Mining Lease vide G.O Ms No 369 in favor of M/s. Priyadarshini Cements Limited	27.10.1998	Limestone (Major)	Valid upto 10.02.2019	Govt. of Andhra Pradesh	Acre 176.25 Guntas

9.	Grant of Mining Lease vide G.O Ms No 505 in favour of M/s. Priyadarshini Cements Limited for clubbing of the four-mining lease (G.O Ms No. 339, 369, 367 and 288)	19.09.2000	Limestone (Major)	Valid upto 27.09.2001	Govt. of Andhra Pradesh	Acre 1030.93 Guntas
10.	1 st renewal of Mining Lease vide G.O Ms No 192 in favour of M/s. Priyadarshini Cements Limited	04.05.2002	Limestone (Major)	20 years w.e.f 28.09.2001 to 27.09.2021	Govt. of Andhra Pradesh	Acre 1032.13 Guntas
11.	Transfer of Mining Lease vide G.O Ms No 238 from M/s. Priyadarshini Cements Limited to M/s. Rain Industries Limited	28.08.2006	Limestone (Major)	Valid upto 27.09.2021	Govt. of Andhra Pradesh	Acre 1032.13 Guntas
12.	Transfer of Mining Lease vide G.O Ms No 22 from M/s. Rain Industries Limited to M/s. Rain Cements Limited	13.11.2014	Limestone (Major)	Valid upto 27.09.2021	Govt. of Telangana	Acre 1032.13 Guntas (417.95 ha)
13.	Grant of Mining Lease vide G.O Ms No 72 in	24.08.2017	Limestone (Major)	50 Years (29.09.1981	Govt. of Telangana	Acre 1032.13 Guntas

	favour of M/s. Rain Cements Limited			to 28.09.2031)		(417.95 ha)
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S. No	Details of grant of Mine Lease deed execution	Period of Grant		Name of the Mineral	Mine lease area in Ha
		From	To		
1.	Mining lease executed vide proceeding No 1720/M/81 on 29.09.1981	29.09.1981	28.09.2001	Limestone	Acre 430.30 Guntas
2.	Mining lease executed vide proceeding No 2785/M1/1988 on 05.10.1988				Acre 80.975 Guntas
3.	Amalgamation the three leases (G.O Ms No. 402, 405 and 307) was executed vide proceeding No 2394/M1/1991 on 11.03.1992	01.10.1991	27.09.2001	Limestone	Acre 622.29 Guntas
4.	Mining lease executed vide proceeding No 433/M1/1986, dated 11.02.1999	18.08.1998	10.02.2019	Limestone	Acre 127.07 Guntas
5.	Mining lease executed vide proceeding No 11/M1/1985, dated 11.02.1999	27.10.1998	10.02.2019	Limestone	Acre 105.32 Guntas
6.	Mining lease executed vide proceeding No 1121/M1/1985, dated 11.02.1999	27.10.1998	10.02.2019	Limestone	Acre 176.25 Guntas
7.	Amalgamation the four leases (G.O Ms No. 339, 369, 367 and 288) was executed vide proceeding No 866/M2/2000, dated 11.01.2001	19.09.2000	27.09.2001	Limestone	Acre 1030.93 Guntas


8.	Mining lease deed execution of 1st Renewal vide proceeding no. 2720/M2/2002 dated 14.05.2002	28.09.2001	27.09.2021	Limestone	Acre 1032.13 Guntas
9.	Transfer deed in favour of M/s Rain Industries Limited was executed vide proceeding no. 2720/M2/2000 on 20.10.2006.	28.08.2006	27.09.2021	Limestone	Acre 1032.13 Guntas
10.	Transfer deed in favour of M/s Rain cement Limited was executed vide proceeding no. 667/M2/2008 on 07.02.2021	13.11.2014	27.09.2021	Limestone	Acre 1032.13 Guntas (417.95 ha)
11.	Supplementary lease deed executed in favour of M/s Rain cement Limited vide Proceeding No. 667/M2/2008 on 10.02.2018	27.08.2017	29.09.2031	Limestone	Acre 1032.13 Guntas (417.95 ha)

v. Land Area Breakup

Private land	198.6156ha
Government land	219.3344ha
Forest Land	-
Total Mining lease area (MLA), Ha	417.95ha
Private land for crusher, workshop & other infrastructure outside the MLA	-

vi. Mining plan details:

Mining Plan including Progressive Mine Closure Plan (approved by Indian Bureau of Mines/DMG)	Letter No.	letter no AP/NLG/MP/LST-22/Hyd
	Date	02.11.2023
	Validity	Year 2026 - 2027
Mining Parameters	Quantitative Description	
Method of Mining	Mining operation is being/will be carried out by fully mechanized opencast method for excavation of limestone.	

 <p>Drilling/Blasting</p>	<p>Drilling is to be carried out by deploying 150 mm dia. Drill equipped with in-built arrangement of water sprinkling for dust suppression and separate dust extraction system and this arrangement makes operations practically dust free. Blasting operations are proposed to be carried out in a controlled manner to minimize fly rock generation for safety of civil structures, machines and nearby habitation and agricultural fields under the supervision of Assistant Manager (Mines), well versed with technique to ensure quality and safety in the work. Due care is taken to keep the ground vibrations and air blast levels to the lowest possible limits to avoid any adverse impacts on the surrounding environment. Ultimate pit slope will be 55°.</p> <p>The drill parameter:</p> <ul style="list-style-type: none"> ➤ Average Spacing = 5.5 m ➤ Average Burden = 4 m ➤ Average height of bench = 8 m ➤ Average bulk density = 2.5 Tonnes/m³ <p>Blasting</p> <p>Various types of explosives such as ANFO, slurry explosive etc. are being/ will be used for blasting. NONEL detonating fuse is being/ will be used since multi row system of firing is being/ will be carried to reduce the ground vibration, noise, fly rock etc. due to blasting.</p> <p>Blasting operations are proposed to be carried out in a controlled manner to minimize fly rock generation for safety of civil structures, machines and nearby habitation and agricultural fields.</p> <p>The details of blast parameters to be used in the mines are as under:</p> <ul style="list-style-type: none"> • Drill holes diameter (mm) = 150 • Burden (m) = 4 m • Spacing (m) = 5.5m • Charge per hole = 77.5 Kg • Maximum holes blasted per delay = 36 • Average power factor: 7.0
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	<ul style="list-style-type: none"> Firing sequence = Hole to Hole (using NONEL) 		
Geological Reserves	325.47 million Tonnes as on 01.10.2023		
Mineable Reserves	196.14 million tonnes as on 01.10.2023		
Breakup of Total Excavation (Topsoil/OB/SB/IB/Mineral Rejects/ Waste, MTPA)	<ul style="list-style-type: none"> Limestone: 3.94 Million TPA Top Soil: 0.0075 Million TPA Total Excavation: 3.9475 million TPA 		
Life of mine	~52 Years (As on 01.10.2023)		
Mine Bench Height & Bench Width	Bench height: 8 m Bench Width: 15 m		
No. of Mine Benches	4 Numbers		
plan period m bgl	47.32 m AMSL (34.84 m bgl)		
Ultimate Depth of Mining, m bgl	47.32 m AMSL (34.84 m bgl)		
Ground Water Table, m bgl	40 m bgl		
Details of ground water intersection	At present, water table is not being intersected. However, during conceptual mine working, water table may be intersected for which prior permission will be taken from concerned authority before intersection of water table.		
Individual bench slope	60° and Ultimate Slope of 55°		
Overall pit slope	45°		
Details of existing/ proposed Crusher	There is no crusher in the mining lease area. Excavated limestone is being/ will be transported to crusher (located at Plant Site) through tippers (35 Tonnes).		
Mineral Beneficiation	None		
RoM output size	- 25 mm		
Transportation details including capacity of dumper/tipper, mode of transport and distance	Excavated limestone is being/ will be transported to crusher (located at Plant Site) through tippers (35 Tonnes).		
Generation of Topsoil/OB & its Management during plan period & conceptual period.	Nature of Waste	Generation	Management

	Top Soil	Plan Period: 6215 cum	Top soil generated will be utilized for plantation and green belt development
		Conceptual Stage: 6215 cum	
	OB Waste	No OB waste will be generated till conceptual period.	
Generation of Mineral Rejects/ Waste & its Management during plan period & conceptual period	-		

vii. Water requirement

Total water requirement	250 KLD	Fresh water	50 KLD
		Treated water	200 KLD
Source	Ground water and rain water collected in mine sump.		
Permission for withdrawal/ intersection along with details of grant and its validity	Water permission obtained from Telangana Ground Water Department on 24.08.2017		

viii. Nearest village/ town/ highway/ interstate boundary/ railway station/ water bodies/ monument/ forest

Particulars	Villages	Directions
Nearest village	Village Revoor in SE (110 m from ML boundary & 450 m from UPL)	
	Village Kappalakunta Tanda in NW (Adjacent to ML & 750 m from UPL)	
	Village Medlache in West (Adjacent to ML & 550 m from UPL)	
Nearest Town / City	Kodad	(~15 km in North direction)
Nearest State/National Highway	NH-65	(~ 13.5 Km in NE direction)
	NH-167	(~12.0 Km in NW direction)
Nearest Railway Station	Ramapuram	(~2.0 Km in NE direction)
	Mellacheruvu	(~4.0 Km in SW direction)
Nearest water bodies	Name	Distance and Direction
	Seasonal Nala	In ML area Revoor Nala flowing West to East in Southern part. A seasonal drainage channel originating from the Northern Part of the area is flowing in between Pit No. 1 and Pit No.2 towards Southeast, and joins with Revoor Nala.

	Canal	~2.75 Km in WSW
	Mellacheruvu Lake	~3.5 Km in WSW
	Mukteshwaram Branch Canal	~ 4.0 km in North
	Ganapavram lake	~ 5.5 Km in NNW
	Palleru River	~ 5.85 Km in NE
	Antra Ganga vagu	~ 6.85 km in NNE
	Yerravaram cheruvu	~ 7.5 Km in NNW
	Gundla Vagu	~7.85 Km in SSE
	Krishna River	~8.0 Km in ESE
	Choutupally Lake	~ 8.5 Km in WSW
	Mathangamma Pedda cheruvu	~ 9.0 Km in NNE
	Redlakunta Branch Canal	~ 9.0 km in North
	Apart from these other small Nalas/nadis are also found in the 10 km radius of the lease area.	
Forest	Yepalmadhvaaram RF	~4.0 Km in SW direction
	Buduvada RF	~4.5 Km in ENE direction
	Yepalmadhvaaram RF	~4.85 Km in SW direction
	Balusupasdu RF	~6.5 Km in NE direction
	Chintalapalem RF	~ 7.0 Km in SSE direction
	Chintalapalem RF	~ 7.0 Km in SSW direction
	Nemalipuri RF	~7.87 km in SSE direction

ix. Presence of Environmentally Sensitive areas in the study area

Forest Land / Protected Area / Environmental Sensitivity Zone	Yes/ No	Details of Certificate/ Letter issued by the concerned Department mentioning the Lr no, date of grant and remarks
Forest Land within the mine lease area and (if yes) status of Forest Clearance	No	No forestland involved in the Proposed block. Letter issued from State Forest Department on 12.01.2024 in this regard.
National Park	No	PP submitted letter dated 12.01.2024 from State Forest Deptt. Stating that No National Park, Wild Life Sanctuaries, Biosphere Reserves, Wildlife corridors, Tiger/ Elephant Reserves, Reserve/ Protected Forest etc are located within 10 km radius study area.
Wildlife Sanctuary	No	
Elephant/Tiger Reserve	No	

Eco-Sensitive Zone (ESZ) /Eco-Sensitive Area (ESA)	No	
Coastal Regulation Zone (CRZ)	No	-
Schedule-I species (No. s and name of schedule-I species with authenticated letter)	Yes	<p>There are 9 Schedule- I fauna species i.e., Wild dog (<i>Cuon alpinus</i>), Indian fox (<i>Vulpes bengalensis</i>), Common India Krait (<i>Bungarus caeruleus</i>), Indian Chameleon (<i>Chameleon Zeylanicus</i>), Sand boa (<i>Eryx johnii</i>), Indian Monitor Lizard (<i>Varanus Benghalensis</i>), Indian cobra (<i>Naja naja</i>), Rat snake (<i>Ptyas mucosus</i>), viper (<i>Daboia russelii</i>), found in the buffer zone of the study area according to (IWPA) Indian Wild Life (Protection) Amendment Act, 2022.</p> <p>Wildlife Conservation plan over an amount of Rs. 59.25 Lakh for one year has been approved from Principle Chief Conservator of Forests (WL) & Chief Wildlife Warden vide letter No PCCF WL1/WL07/43/2023 dated 28.06.2024.</p>
Wildlife Conservation Plan	Yes	

x. Green belt/Plantation details:

Proposed area for green belt/plantation and no. of saplings proposed	Total area to be covered under greenbelt/ plantation will be 39.24ha (1.82 ha on backfilled area, 12.75 ha along the periphery of mine lease area, 24.67 ha on the undisturbed area).
Budget for green plant & plantation till the end of life of mine.	Rs 1.25 Crore
Budget for nursery	None
Details of existing plantation and its survival rate	An area of 30.77 ha has been covered with 159022 no of trees
No. of tree cuts in the mine lease area and compensatory afforestation	Nil
Particulars for Green belt/plantation	Area covered (in Ha)
7.5 m barrier & non-mineralized areas	1.98 ha on 7.5 m safety zone

50 m safety zone of nallah, roads, electric lines	0.82 ha Plantation in safety zone of Road & Railway line
500 m safety zones of nearest habitation villages (Exhausted Pit Boundaries & Non-Mineralized areas)	36.47 ha plantation on un-worked area

xi. Baseline detail

Baseline Data (Air / Water / Noise / Soil / Hydro geological study/ Traffic Study/ others)	
Period of baseline data collection	Post Monsoon Season (October to December, 2022)
Season (Summer / Pre-monsoon / Post-monsoon / Winter)	Post - Monsoon
Predominant Wind direction (From)	North-West
Ambient Air Quality (no. of locations) and results	<p>Ambient Air Quality Monitoring at 14 Locations</p> <p>PM₁₀ - 44.5 to 90.5 µg/m³, PM_{2.5} 25.2 to 52.5 µg/m³, SO₂ – 5.9 to 17.2 µg/m³, NO_x – 11.5 to 31.2 µg/m³</p> <p>Noise Level Monitoring at 11 locations</p> <p>During Day Time – 50.6 to 67.3 Leq dB (A),</p> <p>During Night Time – 41.3 to 52.4 Leq dB(A)</p> <p>Surface Water Sampling at 14 locations</p> <p>pH - 7.11 to 8.47, DO - 6.4 to 7.2 mg/l, BOD - 4.6 to 10 mg/l, COD - 20 to 40 mg/l</p> <p>Ground Water Sampling at 11 locations</p> <p>pH - 7.18 to 7.82, Total Hardness – 237.6 to 623.7 mg/l, Total dissolved solids- 430 to 1172 mg/l, Chlorides – 92.5 to 272.4 mg/l, Fluorides - 0.46 to 1.18 mg/l, Other Heavy metals- Iron- 0.04 to 0.32 mg/l</p>
Noise level (no. of locations) and results	
Water Quality (no. of locations) and results	
Soil Quality (no. of locations) and results	
Hydro geological study and results	
Traffic study (no. of locations) and results	

	<p>Soil Sampling at 11 locations</p> <p>pH – 6.81 to 8.06, potassium (624.8 to 1678.2 kg/ha), phosphorus (24.5 to 40.7 kg/ha), nitrogen (70.28 to 116.57 kg/ha) & organic matter (0.98 to 1.52 %)</p>
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xii. Public Hearing (PH) Details

Advertisement for PH with date (name of major national daily and one regional vernacular daily newspaper)	“Indian Express newspaper” and “Mana Telangana newspaper” on 16.12.2023
Date of PH	20.01.2024 at 12:30 PM
Venue	Project Site
Chaired by	<p>Chaired by:</p> <ul style="list-style-type: none"> • Shri. S Venkata Rao, District Magistrate of Suryapet • Sri. P. Suresh Babu, Environmental Engineer, TGPCB, Suryapet
Main issues raised during PH	Infrastructure Development, Education Facility, Livelihood Enhancement & Environment Conservation and Health Facility.
Budget proposed for addressing issues raised during PH over 3 years	Rs 0.90 Crore

xiii. Details of CTE/CTO, Certified Compliance Report, Certified Production Details from the inception of the mine:

Particulars	Details of Letter along with date of grant and validity
Consent to Establish	PP has obtained the CTE vide under Water Act (1974) and Air Act (1981) for 1.6 MTPA Limestone Production Capacity in favor of M/s. Rain Cements Limited vide letter No APPCB/PTN/NLG/32/CFE/HO/2011-813, dated 18.06.2011.
Consent to Operate	PP has obtained the CTO under Water Act (1974) and Air Act (1981) for 1.6 MTPA Limestone Production Capacity in favor of M/s. Rain Cements Limited issued vide Consent Order No: 210523194658 dated 17.01.2022, which is valid up to 31.10.2026.

Certified Compliance Report and Inspection date	PP has submitted the Certified Compliance Report for Existing Environmental Clearance issued from MoEFCC vide letter No ENV/IRO-HYD/MR-59/A/2021 dated 08.04.2025 (Site visit date: 25.03.2025)
Certified Production Details from the inception of the mine (in tabular form against the EC capacity)	PP has submitted year-wise production details of mine has been certified by State Mines Dept vide letter dated 12.07.2022.

xiv. Rehabilitation & Resettlement:

R & R details	<p>Total Mining Lease area is 417.95 ha which spreads over the part of villages Mellacheruvu and Revuru. Out of the total Mining lease area, 219.3344 ha Govt. Land and 198.6156 ha Private Agricultural Land. Out of the patta land, company has purchased 77.131 ha and the rest 121.485 ha will be acquired by year 2028.</p> <p>This is running mine and expansion in limestone production is proposed within existing mining lease area.</p>
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xv. Court case details:

Court Case, No and its present status	No Court Case or Litigation is pending
Undertaking by Project Proponent w.r.t court case	PP has submitted an undertaking vide letter dated 17.04.2025

xvi. Affidavit/Undertaking details:

Affidavit as per Ministry's OM dated 30.05.2018	PP has submitted an affidavit vide letter dated 17.04.2025.
Undertaking by Project Proponent in EIA/ EMP report	PP has submitted an undertaking vide letter dated 17.06.2024.
Undertaking by Consultant in EIA/ EMP report	The Consultant has submitted an undertaking for preparation of EIA-EMP report in its letter head dated 17.06.2024
Plagiarism Certificate	PP has obtained the software generated Plagiarism certificate (Plagiarism Checker X-Report)) vide letter dated 04.03.2025.

xvii. Project was considered in 43rd Meeting during held on 22.04.2025. As per the minutes uploaded on portal, project is recommended for grant of EC. Subsequently, Additional Details were sought

by MoEFCC on 30.05.2025 and reply submitted on 02.06.2025. Again, Additional Details were sought by MoEFCC on 03.06.2025 for which ADS reply submitted on 13.06.2025. Details are mentioned below:

S. No	ADS Point	Reply by Project Proponent
A.	PP has submitted reply vide letter dated 31.05.2025 against the ADS were raised on 30.05.2025.	
1.	ADS dated 30.05.2025 "Some conditions in the CCR dated 22.03.2024 has been mentioned as "Agreed to comply". PP needs to explain the reasons. PP needs to provide the timeline till which all the EC Conditions can be completely complied".	Justification for agreed to comply for specific condition No XXIII, XXIV, XXV, XXVI, XXVIII, XXIX AND General condition no II, IV, VI, VII, VIII, XIV & XVII submitted with ADS reply and details has been mentioned below.
B.	ADS Reply dated 13.06.2025	
1.	PP needs to submit compliance submitted with respect to last two inspection reports of Directorate	Inspection of Rain Limestone, Shale and Clay mine has been done by Deputy Director of Mines Safety on 08.03.2024 and 12.07.2023 for which compliance has been submitted on 20.05.2024 and 18.11.2023 respectively.

	General of Mines Safety (Mining inspection).																									
2.	PP needs to submit copy of log book of oil withdrawal done from oil and grease trap in the project.	In year 2024 a total of 27.5 Liter of Oil and 20.95 Kg of Grease has been withdrawn and from January 2025 to May 2025 a total of 11.5 Liter of Oil and 8.15 Kg of Grease has been withdrawn. Log book of oil withdrawal done from oil and grease trap in the project.																								
3.	PP should submit copy of reports related to occupation health surveillance viz. number of periodical medical examination , number of initial medical examination , any major disease found in workmen, etc. for last three years in the project. Copies of few medical examination reports showing the	<p>No. of Initial and Periodical Medical examination is given in the table below:</p> <table><tr><th>S. No</th><th>Year</th><th>Total No. of Employees</th><th>No. of Initial Medical Examination</th><th>No. of Periodical Medical Examination</th><th>Major Disease observed</th></tr><tr><td>1.</td><td>2022-23</td><td>40</td><td>1</td><td>39</td><td>Nil</td></tr><tr><td>2.</td><td>2023-24</td><td>43</td><td>11</td><td>32</td><td>Nil</td></tr><tr><td>3.</td><td>2024-25</td><td>46</td><td>2</td><td>44</td><td>Nil</td></tr></table> <p>Sample Medical Reports submitted.</p>	S. No	Year	Total No. of Employees	No. of Initial Medical Examination	No. of Periodical Medical Examination	Major Disease observed	1.	2022-23	40	1	39	Nil	2.	2023-24	43	11	32	Nil	3.	2024-25	46	2	44	Nil
S. No	Year	Total No. of Employees	No. of Initial Medical Examination	No. of Periodical Medical Examination	Major Disease observed																					
1.	2022-23	40	1	39	Nil																					
2.	2023-24	43	11	32	Nil																					
3.	2024-25	46	2	44	Nil																					

	medical tests undergone on workmen should also be submitted.	
4.	PP needs to submit the number of villages and approximate population benefited from drinking water supply being done by project.	Water supply facilities are being provided in Village Revoor, Ramapuram Revuru, Kuchupudi and Buggamadhavaram benefitting a total no. of 644 families.

In the continuation of point no. xvii, part A, reply of ADS submitted by PP on 31.05.2025

S.NO.	Condition	Observations of Regional Office	Justification of PP
A.	Specific Condition		
xxiii	The inter burden and other waste generated shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The total height of the dumps should not exceed 30 m in three terraces of 1 m each and the overall slope of the dump should be maintained to 280. The inter burden dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of	PP has agreed to comply. It is not applicable as the mine doesn't have overburden dumps, and the terrain is rocky.	As there is no inter burden and no waste generation in the mining lease area, there is no need of maintaining inter burden dumps. However, in future; if waste generation will be occurrence, then waste management will be done considering the specific condition as mentioned and as per Mining Plan duly approved by IBM. Hence observation of RO was mentioned as "PP has agreed to comply"

	rehabilitated areas shall continue until the vegetation becomes self- sustaining. Compliance status shall be submitted to the Ministry of Environment and Forests and its Regional Office, Bangalore on six monthly basis.		
xxiv	The project proponent shall modify the mine plan of the project at the time of seeking approval for the next mining scheme from the Indian Bureau of Mines so as to reduce the area for external over burden dump by suitably increasing the height of the dumps with proper terracing. It should be ensured that the overall slope of the dump does not exceed 280.	PP has agreed to comply. It is not applicable as the mine doesn't have overburden dumps, and the terrain is rocky.	As there is no inter burden and no waste generation in the mining lease area, there is no need of maintaining inter burden dumps. However, in future; if waste generation will be occurrence, then waste management will be done considering the specific condition as mentioned and as per Mining Plan duly approved by IBM. Hence observation of RO was mentioned as "PP has agreed to comply"
xxv	The void left unfilled in the mining area shall be converted into water body. The higher benches of excavated void/mining pit should be terraced and plantation done to stabilize the slopes. The slope of higher benches should be made gentler for easy accessibility by local people to use the water body. Peripheral fencing shall be carried out along the excavated area.	PP has agreed to comply. Void and slope maintenance would follow the approved Progressive Mine closure plan.	At present mine working is in operation and water is being stored in lower most benches which is further utilized in dust suppression and greenbelt and plantation. There are three mine sumps in the two mine pits. Mine sumps in Pit 1 with capacity of 1,20,112 KL (3rd Bench Sump: 19,200 KL & 4th Bench sump 1,00,912 KL) and one mine sump in Pit 2 with capacity of 44800

			<p>KL are present which improves the ground water recharge.</p> <p>Said condition is for the life of mine. At conceptual stage 146.66 ha will be converted into water reservoir. Company will also do terracing and plantation to stabilise the slopes of higher benches at the end of life of mine, as excavation from the existing pit is in continuation. company will provide easy accessibility for local people to use the water, once the mineral is completely exhausted. Peripheral fencing has already been done along the excavated area. All other measures will be taken as per the approved mining plan with Progressive Mine Closure Plan. Compliance of the said condition will be continued till the end of life of mine. Hence observation of RO was mentioned as "PP has agreed to comply"</p>
xxvi	<p>Top soil, if any, shall be stacked with proper slope at earmarked site(s) only with adequate measures and should be used for reclamation and rehabilitation of mined out areas.</p>	<p>PP has agreed to comply.</p> <p>It is observed that a thin layer of topsoil available at the first benchtop is directly used every year for green belt development.</p>	<p>At present ~0.12 million cum of top soil has been generated and same is utilized for greenbelt and plantation. Top spoil which is available in between the out crops is directly used every year for green belt development.</p>

			<p>Thus, there is no need to stack top soil in the mining lease area. Photographs showing out crop limestone is shown below:</p> <p>However, in future; if top soil generation will be in such large quantity that cannot be utilized for plantation, then in that case stacking of top soil will be done considering the specific condition as mentioned and as per Mining Plan duly approved by IBM.</p> <p>Hence observation of RO was mentioned as “PP has agreed to comply”</p>
xxviii	All the safety norms stipulated by the Director General Mine and Safety (DGMS) should be implemented.	<p>PP has agreed to comply.</p> <p>PP informed that they have implemented all the safety norms stipulated by the Directorate General of Mines Safety.</p>	<p>Company have implemented all the safety norms stipulated by the Directorate General of Mines Safety. Compliance of the said condition will be continued in future also. Hence observation of RO was mentioned as “PP has agreed to comply”</p>
xxix	All the recommendations made in the Chapter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants should be implemented.	<p>PP has agreed to comply.</p> <p>PP is implementing all the recommendations made in the chapter on CREP, including green plantation, water sprinkling, environmental protection, and pollution monitoring.</p>	<p>Company is implementing all the recommendations made in the chapter on CREP, including green plantation, water sprinkling, environmental protection, and pollution monitoring. Compliance of this condition will be continued in future. Hence observation of RO was</p>

			mentioned as “PP has agreed to comply” Compliance of the said condition will be continued till the end of life of mine. Hence observation of RO was mentioned as “PP has agreed to comply”
B. GENERAL CONDITIONS			
ii	No further expansion or modification of the plant shall be carried out without prior approval of this Ministry.	PP has agreed to comply.	Mine is in operation as per the granted capacity mentioned in existing EC. No expansion or modification has been done without prior approval of the Ministry. Company have applied for getting approval of Environmental Clearance for further expansion of production quantity. Compliance of the said condition will be continued in future also. Hence observation of RO was mentioned as “PP has agreed to comply”
iv	Industrial wastewater shall be properly collected and 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. The treated waste water shall be utilized for plantation purpose.	PP has agreed to comply. PP has provided oil and grease traps, and the water is used for the green belt plantation. STP is provided to treat the colony's domestic effluents.	Company have provided oil and grease traps, and the treated water is used for the green belt plantation. STP is provided to treat the colony's domestic effluents and the treated water being utilised for plantation purpose.

			<p>Photographs of oil & grease trap and sewage treatment plant is given below:</p> <p>Waste water analysis of inlet and outlet of STP and Oil/water separator which shows that all the parameters are within prescribed standard</p> <p>Compliance of the said condition will be continued in future also. Hence observation of RO was mentioned as "PP has agreed to comply"</p>
vi	<p>Proper housekeeping and adequate occupational health programs shall be taken up. Occupational Health Surveillance program shall be done on a regular basis and records maintained properly for at least 30-40 years. The program shall include lung function and sputum analysis tests once in six months. Sufficient preventive measures shall be adopted to avoid direct exposure to dust etc.</p>	<p>PP has agreed to comply.</p> <p>The Occupational Health Surveillance program is conducted regularly, records are maintained, and good housekeeping is maintained in mines and plant.</p>	<p>Company is organising the Occupational Health Surveillance programs regularly including lung function and sputum analysis tests once in six months, records are being maintained, and good housekeeping is maintained in mines and plant. CC Road is also being constructed in plant for better housekeeping facility</p> <p>Some of the photographs to show OHS facility and good housekeeping facility is given below:</p> <p>Compliance of the said condition will be continued in future also. Hence observation of RO was mentioned as "PP has agreed to comply"</p>

vii	<p>The company shall undertake eco-development measures including community welfare measures in the project area.</p>	<p>PP has agreed to comply. The company has implemented eco-development measures, including community welfare initiatives such as laying concrete roads, providing access to drinking water, offering medical care, and offering educational opportunities.</p>	<p>Company have implemented eco-development measures, including community welfare initiatives such as laying concrete roads, providing access to drinking water, education facility and health facility. Major development work done by company recently in the area is construction of Priya Cement International School which can accommodate around 2000 students with CBSE syllabus. The estimated cost Rs. 26 Crores. The school is going to obtain IGBC (Indian Green Building Council), Establishment of Priya Cement Free Primary Hospital Unit 1 in Ramapuram with free medical care, and emergency ambulance facility for patients, development of Govardhan Ghosala houses with a total of 182 cows, comprising 64 males and 118 females and establishment of ORGANIC WASTE CONVERTOR UNIT on 8th January 2021 to maximize recycling, minimize waste.</p> <p>During last five-year company has spent a total amount of Rs 8.7 crore in development of the area.</p>
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			All the eco-development measures work will also be continued in future also. Hence observation of RO was mentioned as "PP has agreed to comply"
viii	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP.	PP has agreed to comply. PP is implementing environmental protection measures and safeguards, which were recommended in the EIA/EMP.	<p>Company is complying with all environmental protection measures and safeguards, which were recommended in the EIA/EMP. Analysis of Air, Noise and water is being done and submitted to Regional Office at regular interval which shows that all the parameters are within prescribed standard. Copy of analysis results of air, Noise and water.</p> <p>Compliance of the said condition will be continued in future also. Hence observation of RO was mentioned as "PP has agreed to comply"</p>
xiv	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment and Forests. No change in the calendar plan including excavation, quantum of limestone and waste shall be made.	PP has agreed to comply.	<p>Company has not done any change in mining technology and scope of working. Opencast mechanized method of mining is being followed and same will be continue as per Approved Mining Plan.</p> <p>Compliance of the said condition will be continued in future also. Hence observation of RO was</p>

			mentioned as "PP has agreed to comply"
xvii	Personnel 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. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	PP has agreed to comply. All personnel have been trained and informed on safety and health aspects. PP undertakes occupational health surveillance programs annually and monitors their progress.	Company have provided protective respiratory devices to all personnel working in dusty areas and they have been trained and informed on safety and health aspects. We are conducting occupational health surveillance programs annually and monitoring all parameters. Compliance of the said condition will be continued in future also. Hence observation of RO was mentioned as "PP has agreed to comply"

xviii. Details of the Environmental Management Plan (EMP)

Activities	Capital cost (Lakh)	Recurring cost (Lakhs/annum)
Environment Management Plan	Rs. 158.56 lakhs (Rs.92.48 Lakh existing + Rs. 66.08 Lakh proposed)	Rs. 46.91 Lakhs (Rs.19.6 lakh existing + Rs. 27.31 Lakh proposed)

xix. Details of project cost and employment:

Particulars	Budget (Rs. in Crores)
Total Cost for EMP (Capital Cost of EMP + Capital cost of public hearing)	<ul style="list-style-type: none"> • Cost for EMP: Rs. 1.58 Crore • Cost for physical targets: Rs. 0.90 Crore • Cost for Wildlife conservation: Rs 0.60 Crore • Total: Rs. 3.08 Crore
Project Cost	Rs. 15.5 Crores
Employment	60 persons
