

CCCPL/DACHEPALLI/ENV/2026

16th May, 2026

Inspector General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, Vijayawada Green House Complex,
Gopalareddy Road, Vijayawada – 520010, Andhra Pradesh.

Sub: Submission of Six Monthly Environmental Clearance Compliance Status Report for 5.0 MTPA Captive Limestone Mine of M/s Chettinad Cement Corporation Private Limited located at Pedagarlapadu & Kesanupalli (V), Dachepalli (M), Palnadu District, Andhra Pradesh for the period of October 2025 to March 2026 - Reg.

Ref: 1. F. No. J-11015/152/2013-IA.II (M) Dated 21st December, 2015 (EC).
2. F. No. J-11015/152/2013/IA.II (M) Dated 14th January, 2021 (Name Change).

Dear Sir,

Reference with the Environmental Clearance cited above, we are herewith Submitting six monthly compliance status report for the stipulated conditions in Environmental Clearance for the period of **October 2025 to March 2026** for 5.0 MTPA Captive Limestone Mine of M/s Chettinad Cement Corporation Private Limited located at Pedagarlapadu & Kesanupalli (V), Dachepalli (M), Palnadu District, Andhra Pradesh.

This is for your kind information & records please.

Thanking you,

Yours faithfully,

For **Chettinad Cement Corporation Private Limited**,



Seetharamulu Ch

 **Joint President- Works (Unit Head)**

CC:

1. Central Pollution Control Board, RD - Chennai
2. Andhra Pradesh Pollution Control Board, RO - Guntur

Encl: A/a

Chettinad Cement Corporation Private Limited

Pedagarlapadu (Village), Dachepalli Mandal,
Palnadu District, Andhra Pradesh - 522 437
GSTIN : 37AAACC3130A1Z1

E : pedagarlapadu@chettinadcement.com
www.chettinadcement.com

Chettinad Cement Corporation Private Limited

Regd. Office : Meyyammai Building, 17/35,
Gandhi Nagar, 2nd Main Road, Adyar, Chennai-600020
CIN : U93090TN1962PLC004947

Sl. No	Condition	Compliance Status
SPECIFIC CONDITIONS:		
i.	The environmental clearance is subject to obtaining the prior permission from CGWA for intersecting the ground water table.	- Permission obtained from Commissioner, Panchayat Raj & Rural Development & Administrator, APWALTA, Government of Andhra Pradesh for “withdrawal of 1152 KLD of stored rain water from their existing Limestone Mine pit and for continuing the mining operations below water table” vide Lr. No. PRRR05-11028/21/2019-SLNA-GIS-CORD, Dated 09.05.2023. - Applied for renewal on 24.02.2025, file is under process. - Copy of permission letter & renewal NOC application are provided in Annexure-1.
ii.	The project proponent will implement and comply with all applicable safeguard measures as provided in OM No. Z-1I013/57/2014-IA. II(M) dated 29 th October, 2014.	- Safeguard measures provided in OM No. Z-1I013/57/2014-IA.II (M) dated 29th October, 2014 are being complied. - Compliance of the safeguard measures are provided in Annexure-2.
iii.	The project proponent shall obtain Consent to Establish and Consent to Operate from the State Pollution Control Board and effectively implement all the conditions stipulated therein.	- Consent to Establishment obtained from APPCB. - Consent for Operation for the Pedagarlpadu Limestone Mine has been obtained from Andhra Pradesh Pollution Control Board Valid till 31.03.2029. - The conditions stipulated in the Consent Orders are being implemented & compliance status is being submitted regularly to concerned authorities.
iv.	A buffer zone of 50 m (green belt) on either side of the nallah passing through lease area should be developed for protection of the nallah /stream.	- A buffer zone of 50 m on either side of the nallah passing through the mining lease area developed with Greenbelt for protection of the nallah/stream. - Photographs of the same are provided in Annexure-3
v.	The loose solids should be kept separately from flowing water and flow of effluents to nearby areas outside the lease hold shall be prevented. The paved drains along with arrangements for over burden Dumps and their drainage may be clearly depicted on a contoured map of the mining area.	- By providing garland drains and catch drains with siltation pond, the loose solids are being separated from flowing water. As there is no generation of any industrial effluent from the mine, no effluents are being flowed to nearby areas outside the lease hold area. - There is no generation of over burden (OB) in the mine area. Hence, the requirement of paved drains and marking the same on the contour map of the Mine area not envisaged.
vi.	The project proponent shall ensure that no natural watercourse and/or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the 1st and 2nd order streams, emanating or passing through the mine lease during the course of mining operation.	- No natural watercourse and water resources are obstructed due to our mining operations. - Adequate measures like 50 m safety barrier on both sides of the nallah passing through the mining lease area and greenbelt in the safety barrier is being developed to conserve and protect the water streams.

Sl. No	Condition	Compliance Status
vii.	The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.	The top soil (Black Cotton Soil –BCS) is being stored 7.5m buffer zone along the Mine boundary for greenbelt development. The extra BC soil material is being stored separately for future usage.
viii.	Appropriate safeguard measures shall be taken to ensure stability and drainage of dump so that no solid waste/debris flows into the nallah.	There is no Over Burden (OB) and formation of dumps in the mine lease area. Hence, this condition is not applicable to our mine.
ix.	The Over Burden (OB) generated during the mining operation shall be stacked at earmarked dump site(s) only and it should not be kept active for a long period of time and their phase-wise stabilization shall be carried out. Proper terracing of OB dump(s) shall be carried out. The over burden dump(s) shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dumps. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the Ministry of Environment, Forest and Climate Change and its Regional office, Chennai on six monthly bases.	There is no Over Burden (OB) in the mine area. Hence, this condition is not applicable to our mine.
x.	Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, temporary OB and mineral dumps to arrest flow of silt and sediment directly into the adjoining river and other water bodies. The water so collected should be utilized for watering the mine area roads, green belt development etc. The drains should be regularly desilted particularly after the monsoon and maintained properly.	- Catch drain of 400 m and siltation ponds of appropriate size constructed for the working pit to arrest flow of silt and prevent sediments from reaching nearby water bodies. - The water collected & utilized for water spraying on haul roads, greenbelt development etc. - There is no over burden and mineral dumps in this mine. - The drains are regularly desilted, particularly after the monsoon and being maintained properly. - Photographs are provided in Annexure-4
xi.	Dimension of the retaining wall at the toe of the OB dump(s) and the OB benches within the mine to check run-off and siltation should be based on the rain fall data.	There is no over Burden (OB) available in the mine area. Hence, this condition is not applicable.

Sl. No	Condition	Compliance Status
xii.	Plantation shall be raised in an specified area including a 7.5 m wide green belt in the safety zone around the mining lease, OB dump(s), along the roads, etc. by planting the native species in consultation with the local DFO/Agriculture Department. In addition, plantation shall also be raised in the backfilled and reclaimed area and around water body. The density of the trees should be around 1500 plants per ha.	- Plantation is being developed in the 7.5m safety zone along the mining lease boundary. - Green belt being developed along the roads, safety barrier provided on both sides of the nallah passing through the Mine etc. by planting the native species. - There are no backfilling & reclaimed areas in the ML. - As on Mar-2026, an area of 13.59 ha is developed with greenbelt. - Details of greenbelt developed are provided in Annexure-5.
xiii.	Effective safeguard measures, such as Regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as around crushing and screening plant, loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be assured that the Ambient Air Quality parameters conform to the norms prescribed by the CPCB in this regard.	- There are no crushing and screening plants (no conveyors and no transfer points) within the mining lease area. - Regular water sprinkling is being carried out at the area of mining and loading & unloading points. - Permanent water sprinkling system has been provided along the main haul road for effectively controlling of dust caused by movement of vehicles. - Details of the above are provided in Annexure-6 - Ambient Air Quality parameters are being monitored and conform to the norms prescribed by the Central Pollution Control Board.
xiv.	Regular monitoring of water quality upstream and downstream of perennial nallahs falling in the impact zone shall be carried out and record of monitoring data should be maintained and submitted to Ministry of Environment, Forest and Climate Change, its Regional Office, Chennai, Central Groundwater Authority, Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board.	- Regular monitoring of water quality at upstream and downstream of seasonal nallahs falling in the core zone area being carried out and records maintained. - Reports of the same are being submitted to concerned authorities along with compliance reports. - Monitoring reports of the same are provided in Annexure-7.
xv.	Appropriate measures shall be taken for treatment of the upper catchment of the mine lease area.	- Garland drains are developed around the working pit to diverted surface water/ upper catchment water away from the working and connected to the seasonal Nallah and also to avoid water entering to the mine working pit and contamination of the same. - Details of the same are provided in Annexure-8.
xvi.	The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.	- Water conservation measures to augment the ground water resources are being implemented. - Details of the same are provided in Annexure-9.

Sl. No	Condition	Compliance Status
xvii.	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon(November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment, Forest and Climate Change and its Regional Office Chennai, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.	- Regular monitoring of ground water quality is being carried out covering in and around mine lease areas by engaging 3rd party laboratory. - Regular monitoring of Mines sump water quality is also being carried out by engaging 3rd party laboratory. - Piezometer (Digital Ground Water Level Recorder) installed near mine office & Plant area to monitor the ground water levels. - Monitoring reports on water quality & water levels are provided in Annexure-10.
xviii.	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water, required for the project.	- Permission obtained from Commissioner, Panchayat Raj & Rural Development & Administrator, APWALTA, Government of Andhra Pradesh for “withdrawal of 1152 KLD of stored rain water from their existing Limestone Mine pit and for continuing the mining operations below water table” vide Lr. No. PRRR05-11028/21/2019-SLNA-GIS-CORD, Dated 09.05.2023. - Applied for renewal on 24.02.2025, file is under process. - Copy of permission letter & renewal NOC application are provided in Annexure-1.
xix.	Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with the Regional Director, Central Ground Water Board.	- Suitable water conservation / harvesting measures are being implemented. - Details of the same are provided in Annexure-9.
xx.	Appropriate mitigative measures should be taken to prevent pollution of nearby River in consultation with the State Pollution Control Board.	Krishna river is located at a distance of 14 kms from mining lease area, no impact of our mining operations. Appropriate mitigative measures such as zero discharge system, controlling fugitive emission with extensive water sprinkling, greenbelt along the boundary of mining lease area etc., are taken to prevent pollution of nallah which is passing through the Mining lease area.
xxi.	Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.	- Vehicular emissions are being monitored regularly to confirm the prescribed standards. All Mining vehicles are BS VI emission standard's vehicles. - Regular maintenance is being done for the vehicles used for limestone transportation. - Vehicles carrying the mineral are not overloaded more than height of the body.

Sl. No	Condition	Compliance Status
xxii.	Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.	Controlled blasting is being practiced. Mitigate measures for control of ground vibrations and to arrest fly rocks and boulders are implemented by following the precautions indicated below. ➤ Carrying out blasting operations with low density explosives to control the ground vibrations. ➤ We are using Nonel delay detonators to minimize charge per delay, ground vibration and generation of fly rock.
xxiii.	Drills shall either be operated with dust extractors or equipped with water injection system.	The drilling dust is being controlled by wet drilling system provided in the drill machine.
xxiv.	Mineral handling area shall be provided with the adequate number of high efficient dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.	- The mining area dust is being controlled by providing mobile water tanker with effective dust suppression system on muck pile and provision of permanent water sprinkler system all along the haul roads. - Details of the above are provided in Annexure-6 - There is no belt conveyor with transfer points in mining lease area.
xxv.	Sewage Treatment Plant shall be installed for the colony. ETP shall also be provided for the workshop and wastewater generated during the mining operation.	- Sewage Treatment Plant (STP) with capacity of 200 KLD installed for treating domestic effluents from colony. - Regular Maintenance of vehicles used for mining operation is carried out at service center. - Vehicle washing facility is provided outside area adjacent to ML and maintained by truck contractor. - This facility is available with Oil & Grease trapping facility and treated water is utilized for dust suppression. - No other waste water is generated from mining operation. - Details of the same are provided in Annexure-11
xxvi.	Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For this purpose, schedule of health examination of the workers should be drawn and followed accordingly.	- Pre-placement medical examination is being carried out. - Periodical medical examination for all the employees and workers are being carried out and records are maintained. - The Schedule of Medical examination of the workers has been prepared and it is being followed as per statutory requirement. - We are also having dedicated OHC - Details of the above are provided in Annexure-12.

Sl. No	Condition	Compliance Status
xxvii.	Regular monitoring of free silica in the dust will be carried out and records maintained. It shall be ensured that the levels of silica do not exceed the prescribed limit. The workers will be provided with personal protective measures to guard against inhaling silica dust	Regular monitoring of free silica in the dust carried out and records maintained. All control measures are being implemented to maintain free silica levels within prescribed limit. The workers are provided with Personal Protective measures to safeguard against inhaling dust. Monitoring reports of the same are provided Annexure-13 .
xxviii.	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 healthcare, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Being mining activity, no major construction work is envisaged. The mines office and toilet are constructed, which do not require any accommodation facilities for the construction labor.
xxix.	The project proponent should take all precautionary measures during mining operation for conservation and protection of endangered flora as well as endangered fauna in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. Copy of action plan may be submitted to the Ministry and its Regional Office at Chennai within 3 months.	There is no endangered fauna or endangered flora in the study area (As per EIA studies). Hence, the need for preparation of conservation plan for flora and fauna and allocation of funds for Implementation of the conservation plan are not envisaged.
xxx.	The critical parameters such as RSPM (Particulate matter with size less than 10micron i.e., PM ₁₀) and NO _x in the ambient air within the impact zone, peak particle velocity at 300 m distance or within the nearest habitation, whichever is closer shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA.II(M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change, which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.	- The critical parameters such as RSPM (Particulate matter with size less than 10 micron i.e., PM₁₀) and NO_x in the ambient air within the impact zone, peak particle velocity at 300 m is being monitored for each blast and records maintained. - There is no generation of industrial effluent from the mining operation and the domestic waste water is sent to septic tank followed by soak pit. - The EC compliance status report covering the monitoring data is being uploaded on the website of our company. - Monitoring data is also being displayed on a display board at Mines office entrance gate.
xxxi.	A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment, Forest and Climate Change 5 years in advance of final mine closure for approval.	Noted. A Final Mine Closure Plan along with details of Corpus Fund will be submitted to the Ministry of Environment, Forest and Climate Change, 5 years in advance prior to the final mine closure for approval.

Sl. No	Condition	Compliance Status
xxxii.	The project proponent shall undertake all the commitments made during the public hearing and effectively address the concerns raised by the locals in the public hearing as well as during consideration of the project, while implementing the project.	- Major concerns raised during public hearing were employment to the locals, maintain pollution free environment & develop basic amenities in nearby villages. - Employment provided to the local eligible people and other concerns are being addressed through CSR plan. - The detailed CSR report for the FY 2025-2026 are provided in Annexure-14
GENERAL CONDITIONS:		
i.	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forest and Climate Change.	Condition is duly noted. Prior approval will be obtained from MOEF&CC for change in technology and scope of working if any.
ii.	No change in the calendar plan including excavation, quantum of mineral limestone and waste should be made.	Condition is duly noted. No change in the calendar plan including excavation, quantum of mineral limestone and waste will be made.
iii.	Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM ₁₀) and NO _x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.	- Four AAQ stations are established in the core zone as well as in the buffer zone based on meteorological data. - NABL approved Third Party Laboratory is engaged to monitor the AAQ parameters. - Monitored data of PM₁₀, PM_{2.5}, SO₂ & NO₂ of AAQ stations established at Core Zone & buffer zone is provided in Annexure-15.
iv.	Data on ambient air quality RSPM (Particulate matter with size less than 10micron i.e., PM ₁₀) & NO _x should be regularly submitted to the Ministry of Environment, Forest and Climate Change including its Regional office located at Chennai and the State Pollution Control Board / Central Pollution Control Board once in six months.	- AAQ monitored data is being regularly submitted to MOEF&CC Regional office located at Vijayawada and the APPCB / CPCB along with six monthly compliance reports. - AAQ Monitoring data is provided in Annexure-15.
v.	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.	The following fugitive dust emissions controlling measures are being practiced: - The drilling dust is being controlled by wet drilling system provided in the drill machine. - Mock pile wetting in mines is being practiced to avoid dust emissions during loading. - Permanent water sprinkling system provided along the haul roads for effectively control dust emissions. - Regular water sprinkling is being carried out at unloading area through rain guns and sprinkling system at crusher hopper. - Details of control measures adopted are provided in Annexure-16.

Sl. No	Condition	Compliance Status
vi.	Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.	- All mining equipment are provided with sound proof AC Cabins and proper maintenance of the mining machinery and vehicles, controlled blasting, greenbelt development along the boundary of ML Area etc., are practiced for maintaining noise levels below 85 dB (A) in work environment. - Ear plug/Muffs are being provided to the operators of HEMM. - Ambient & Source noise levels monitoring results are provided in Annexure-17.
vii.	Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.	- No industrial effluent is generated from mining operations. - No workshop has been proposed in the ML area. - Mining equipment have been maintained & serviced outside the mine lease. - Vehicle washing facility is provided outside area adjacent to ML and maintained by truck contractor. - This facility is available with Oil & Grease trapping facility and treated water is utilized for dust suppression. - Details of the same are provided in Annexure-11
viii.	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	- Personnel working in the mine are provided with training, information on safety and health aspects. - Personal Protective Equipment's (PPE's) are provided to the mines personnel and the usage of the same by them is being ensured. - Occupational health surveillance program of the workers is being undertaken periodically. - Details are provided in Annexure-18
ix.	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	Separate Environmental Management Cell with suitable qualified personnel is in place. Organizational structure for environmental management is depicted in Annexure –19.
x.	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment, Forest and Climate Change and its Regional Office located at Chennai.	Adequate amount incurred on environmental management activities like Greenbelt Development, Water Sprinkling, environmental monitoring services etc. Details of the same are Provided in Annexure –20.
xi.	The project authorities should inform the Regional Office located at Chennai regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Intimation on final approval of the project by the concerned authorities and commencement of land development works dated 27.03.2019 was submitted to MOEF&CC RO, located at Chennai on 20.11.2019.

Sl. No	Condition	Compliance Status
xii.	The Regional Office of this Ministry located at Chennai 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.	Full cooperation will be extended to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
xiii.	The project proponent shall submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by email) to the Ministry of Environment, Forest and Climate Change, its Regional Office Chennai, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board. The proponent shall upload the status of compliance of the Environmental Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment, Forest and Climate Change, Chennai, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board.	- Six monthly compliance reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data is being submitted to MoEF&CC, RO-Vijayawada through email (soft copy in PDF), CPCB-RO at Chennai & APPCB, RO at Guntur. - Compliance reports are being uploaded regularly in the parivesh portal and also displayed in our company website.
xiv.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	- EC clearance letter sent to concerned Pedagarlapadu Village Panchayat & Kesanupalli Village Panchayat, Dachepalli Mandal and the District Collector, Guntur. - The Environmental Clearance letter has been put on the web site of the company.
xv.	The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.	--
xvi.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall be put on the website of the company along with the status of compliance of Environmental Clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment, Forest and Climate Change, Chennai by e-mail.	- Environmental Statement for financial year ending 31st March 2025 in Form-V was submitted to Andhra Pradesh Pollution Control Board & MOEF&CC-RO office dated 27.09.2025 and same was kept on our company website. - Submission details of the same are provided in Annexure-21.

Sl. No	Condition	Compliance Status
xvii.	The project authorities should advertise at least in two local newspapers of the District or State widely circulated in which the project is located and one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded Environmental Clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment, Forest and Climate Change at http://envfor.nic.in. A copy of the same should be forwarded to the Regional Office of this Ministry located at Chennai.	- The advertisement in widely circulated two local newspapers (THE HINDU dated 24.12.2015 (in English) & EENADU dated 24.12.2015 (in Telugu) of the Guntur District, Andhra Pradesh have been published informing the public that the Environmental Clearance had been accorded and a copy of the clearance letter is available with the Andhra Pradesh Pollution Control Board and also at web site of the Ministry of Environment, Forests and Climate Change at http://envfor.nic.in. - The copies of the advertisements have already been submitted to the Regional Office of this Ministry located at Chennai. - Photos of the newspaper clippings presented in Annexure –22.

Ground Water Permission for Withdrawal of 1152 KLD

File No.PRR05-11028/21/2019-SLNA-GIS-CORD

GOVERNMENT OF ANDHRAPRADESH
O/o THE COMMISSIONER, PANCHAYAT RAJ & RURAL DEVELOPMENT &
ADMINISTRATOR, APWALTA
D.NO.12-47, PVS Empire, Pathuru Road, beside Reliance Digital, Tadepalle Village,
Guntur District -522501.

From:
Smt. A Surya Kumari, I.A.S.,
Commissioner, PR&RD,
& Administrator, APWALTA,
Tadepalli, Guntur District,
Andhra Pradesh.

To,
M/s. Chettinad Cement Corporation Pvt
Ltd,
Pedagarlapadu Village,
Dachepalli Mandal,
Palnadu District
(Mail ID:brahmaiah.sriramaneni@chettinadcement.com)

Lr.No. PRR05-11028/21/2019-SLNA-GIS-CORD, date:09/05/2023

Sir,

Sub:- AP- CRD - APWALTA – Renewal of NOC to M/s Chettinad Cement Corporation Pvt Ltd to withdraw 1152 KLD of stored rain water from their existing Limestone Mine pit for continuing the mining operations below water table in Pedagarlapadu Limestone Mine located at Pedagarlapadu Village, Dachepalli Mandal, Palnadu District, A.P - Orders - Issued – Reg.

Ref:- 1.Lr.No. CCCPL/2021/01, Dt.22.11.2021 of M/s Chettinad Cement Corporation Pvt Ltd.
2.This Office Lr. No. PRR05-11028/21/2019-SLNA-GIS-CORD, dated:06/12/2021.
3.Lr.No. 4626/GP/2021, Dt.21.06.2022 and 2093/Hg-II/20217, Dt.09.01.2023 received from the Director, Ground Water and Water Audit Department.

Adverting to the subject and references cited above, based on the recommendations of the District Collector / District Magistrate and the Director, Ground Water and Water Audit Department, the Grant of Permission (NOC) is hereby accorded to M/s Chettinad Cement Corporation Pvt Ltd to withdraw 1152 KLD of stored rain water from their existing Limestone Mine pit for continuing the mining operations below water table in Pedagarlapadu Limestone Mine located at Pedagarlapadu Village, Dachepalli Mandal, Palnadu District, A.P.

Application for Renewal of NOC for withdrawal of 1152 KLD

o/c




Pedagarlpadu Project

Letter No. CCCPL/GW/NOC/2025/01 Dt: 20.02.2025

**The Commissioner,
Panchayat Raj & Rural Development,
PVS Empire, Pathuru Cross Road,
Tadepalli,
Amaravathi-522501.**

Dear Sir,

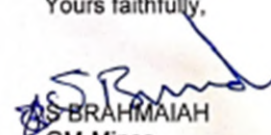
Sub: Submission of application for renewal of our NOC for dewatering from Mine Pit and to continue the mining operations below water Table up to 50mts at our Pedagarlpadu Limestone Mine of M/s Chettinad Cement Corporation Pvt Ltd, Pedagarlpadu-Village, Dachepalli-Mandal, Palnadu-Dist = Reg.

With reference to the above subject, we are here with submitting the application for renewal of existing NOC for dewatering from Mines Pit and to continue the mining operations below water table up to 50mts.

We are requesting you to kindly consider our renewal application and issue the NOC with three years validity for 1152KLD dewatering from our pit for continue the mining operations below water table up to 50mts.

Thanking you sir,

Yours faithfully,


S. BRAHMAIAH
GM-Mines.

Chettinad Cement Corporation Private Limited
Pedagarlpadu (Village), Dachepalli Mandal,
Guntur District, Andhra Pradesh - 522 437
GSTIN : 37AAACC3130A1Z1

Chettinad Cement Corporation Private Limited
Regd. Office : 4th Floor, Chettinad Towers, 603,
Anna Salai, Chennai - 600 006
CIN : U93090TN1962PLC004947

Compliance with applicable safeguard measures as provided in

OM No. Z-11013/57/2014-IA.II(M) dated 29th October, 2014

Sl. No.	Condition	Compliance Status
1	The Project Authority shall adopt Best Mining Practice for the given mining conditions. In the mining area, adequate number of check dams, retaining walls/structures, garland drains and settling ponds should be provided to arrest the wash-off with rainwater in catchment area.	Wet drilling and controlled blasting technics is being practiced. The following preventive measures are being followed for control of ground vibrations, fly rocks and generation oversize boulders. ➤ Carrying out blasting operations with low density explosives to have a heaving effect than an explosion. ➤ Using NONEL detonators in blasting for reduce the charge per delay for control the noise levels, fly rock generation & ground vibrations. ➤ The Garland drains & Catch drain along with siltation Ponds were developed around the ML area. ➤ Two Check dams available across Nallah passing through ML area. ➤ Rain water harvesting pond developed to improve the ground water levels.
2	The natural water bodies and or streams which are flowing in and around the village should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Authorities have to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug well located in village should be incorporated to ascertain the impact of mining over ground water table.	➤ The natural water bodies, Julakallu Vagu & Rallavagu which are flowing within ML area are not disturbed due to our mining activities. ➤ Regular monitoring of ground water quality covering Plant, Mines & surrounding villages, water levels are being carried out. ➤ Monitoring reports of the same are provided in Annexure-10.
3	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 night. The Project Proponents (PPs) must ensure that the biological clock of the villagers is not disturbed by orienting the floodlights/ masks away from the villages and keeping the noise levels well within the prescribed limits for day/night hours.	➤ Mine is operated only in two shifts (06:00 AM to 02.00 PM and 02.00 PM to 10.00 PM). ➤ No operation from 10:00 PM to 06:00 AM. ➤ All necessary precautions are being taken during operation hours. ➤ Noise levels are being maintained within the limits during day/night hours. ➤ Noise levels monitoring data is provided in Annexure-17.
4	The Project Authority shall make necessary alternative arrangements, where required, in consultation with the State Government to provide alternate areas for livestock grazing. In this context, Project Authority should implement the directions of the Hon'ble Supreme Court with regard to acquiring grazing land. The sparse trees on such grazing ground, which provide midday shelter from the scorching sun should be scrupulously guarded against felling, lest the cattle abandon the grazing ground or return home by noon.	This condition is not applicable as there was no existing grazing land present in the mine lease.

Sl. No.	Condition	Compliance Status
5	Wherever blasting is undertaken as part of mining activity, the Project Authority shall carry out vibration studies well before approaching any such habitats or other buildings to evaluate the zone of influence and impact of blasting on the neighborhood. Within 500 meters of such sites vulnerable to blasting vibrations, avoidance of use of explosives and adoption of alternative means of mineral extraction, such as ripper/dozer combination/rock breakers/ surface miners etc. should be seriously considered and practiced wherever practicable. A provision for monitoring of each blast should be made so that the impact of blasting on nearby habitation and dwelling units could be ascertained. The covenant of lease deed under Rule 31 of MCR 1960 provides that no mining operations shall be carried out within 50 meters of public works such as public roads and buildings or inhabited sites except with the prior permission from the Competent Authority.	➤ The Ground Vibration Monitoring studies and slope stability studies were conducted by the Govt. reputed agency of CIMFR-CSIR, Nagpur. ➤ Regular Ground Vibration monitoring is carried out for every blast and at present the dwellings were at a distance of nearly 750 mtrs from mine workings.
6	Main haulage road in the mine should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. Crusher and material transfer points should invariably be provided with Bag filters and or dry fogging system. Belt conveyors should be fully covered to avoid air borne dust.	➤ Permanent water sprinkling system has been provided along the haul roads for avoiding dust emissions. ➤ Regular water sprinkling carried out on internal roads in the Pit and on the muck pile. ➤ The Crushing unit, belt conveyors and material transfer points are provided in the Plant area with adequate dust control systems like bag filters, covered conveyors, water spraying system etc.
7	The Project Authority shall ensure that the productivity of agricultural crops is not affected due to mining operations. Crop Liability Insurance Policy has to be taken by the PP as a precaution to compensate for any crop loss. The impact zone shall be 5km from the boundary of mine lease area for such insurance policy. In case, several mines are located in a cluster, the Associations of owners of the cluster mines, formed inter-alia, to sub-serve such an objective, shall take responsibility for securing such Crop Liability Policy.	➤ We have developed thick green belt and safety distances all along the Mining lease boundary to protect adjacent agricultural lands from dust emissions. ➤ We will ensure that productivity of agricultural crops will not be affected due to our mining operations.
8	In case any village is located within the mining leasehold which is not likely to be affected due to mining activities during the life of mine, the Expert Appraisal Committee (EAC) should consider the proposal of Environmental Clearance (EC) for reduced mining area. The Mining lease may be executed for the area for which EC is accorded. The mining plan may also be accordingly revised and required stipulations under the MMDR Act, 1957 and MCR, 1960 met.	Not applicable in our case

Sl. No.	Condition	Compliance Status
9	Transportation of the minerals by road passing through the village shall not be allowed. A 'bypass' road should be constructed (say, leaving a gap of at least 200 meters) for the purpose of transportation of the minerals so that the impact of sound, dust and accidents could be mitigated. The PP shall bear the cost towards the widening and strengthening of existing public road network in case the same is proposed to be used for the Project. No road movement should be allowed on existing village road network without appropriately increasing the carrying capacity of such roads.	Not applicable in our case
10	Likewise, alteration or re-routing of foot paths, pagdandies, cart roads, and village infrastructure/public utilities or roads (for purposes of land acquisition for mining) shall be avoided to the extent possible and in case such acquisition is inevitable, alternative arrangements shall be made first and then only the area acquired. In these types of cases, Inspection Reports by site visit by experts may be insisted upon which should be done through reputed Institutes.	Not applicable in our case
11	As CSR activities by Companies including the Mining Establishments has become mandatory up to 2% of their financial turn-over, Socio Economic Development of the neighborhood Habitats could also be planned and executed by the PPs more systematically based on the 'Need based door to door survey' by established Social Institutes/Workers on the lines as required under TOR. "R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village located in the mine lease area will be shifted or not. The issues relating to shifting of Village including their R&R and socio-economic aspects should be discussed in the EIA report."	- We are carrying out CSR activities with focus on Health, Education, sanitation and infrastructure development based on the need in consultation with nearby villages. - Dedicated budget is allocated for each FY towards CSR activities and accordingly works are being carried out. - The detailed CSR report for the FY 2025-2026 are provided in Annexure – 14. - R&R is not required as there is no village/habitation located in the ML area and No village was relocated for this project.

Green belt development of 50m on either sides of the nallah

Catch drain and siltation ponds provided for the working pit



Collected water utilized for dust suppression & Green belt development



Greenbelt Development

Year of Plantation	No's Saplings Planted	Area in Ha	Survival Rate (%)
2018-19	2700	2.43	97%
2019-20	2130	1.81	98%
2020-21	4010	2.51	98%
2021-22	2370	1.95	90%
2022-23	3638	1.06	92%
2023-24	3795	1.08	91%
2024-25	2871	1.93	92%
2025-26	2389	0.82	90%
Total	23903	13.59	94%

Plantation along ML boundary



Greenbelt development along the Haul road



ANNEXURE-6

Permanent Water sprinkling system with Auto mode operation is installed for effective dust controlling in the Main haul road



20 KL capacity mobile water tanker with high pressure jet is being used for water sprinkling on haul roads in the pit for muck pile wetting regularly for effectively controlling the dust.



Nallah Water Quality Analysis Results – Upstream (Jan'26 – Mar'26)


TEST REPORT


Page No. 18

Issued to	M/s: Chettinad Cement Corporation Private Limited., Limestone Mines		
ULR No	: TC14799260000200F	Report No	: HWMP/LAB/ENV/2600440
Sampling Date	: 12.02.2026	Analysis Starting Date	: 14.02.2026
Analysis Completion Date	: 18.02.2026	Reporting Date	: 18.02.2026
Sample Description	: Nallah Up Stream Water – (SW 260470)		

TEST RESULTS FOR NALLA UP STREAM WATER

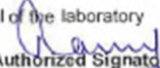
S. Nos.	Test Parameters	UoM	Method	Limit of Detection	Results
1.	pH	---	4500 H*B	---	7.35
2.	Total Hardness as CaCO ₃	mg/L	2340 C	1.0	287
3.	Total Dissolved Solids at 180°C	mg/L	2540 -C	1.0	1121
4.	Chloride as Cl ⁻	mg/L	4500 Cl- B	1.0	176
5.	Sulphate as SO ₄ ²⁻	mg/L	4500 SO ₄ ²⁻ C	1.0	146
6.	Nitrate as NO ₃	mg/L	4500 NO ₃ B	0.1	3.01
7.	Fluoride as F ⁻	mg/L	4500 F- D	0.1	1.22
8.	Colour	Hazen	2120 -C	1.0	4.00
9.	Electrical Conductivity @ 25 C	µs/cm	IS 3025 Part 14	2.0	1512
10.	Cadmium as Cd	mg/L	3120 B	0.01	<0.01
11.	Chromium as Cr	mg/L	3120 B	0.01	<0.01
12.	Copper as Cu	mg/L	3120 B	0.01	<0.01
13.	Iron as Fe	mg/L	3120 B	0.01	1.01
14.	Manganese as Mn	mg/L	3120 B	0.01	<0.01
15.	Nickel as Ni	mg/L	3120 B	0.01	<0.01
16.	Lead as Pb	mg/L	3120 B	0.01	<0.01
17.	Turbidity	NTU	2130- B	0.1	2.8
18.	Arsenic as As	mg/L	3120 B	0.01	<0.01
19.	Total Alkalinity as CaCO ₃	mg/L	2320 B	0.1	302
20.	Mercury as Hg	mg/L	3125 24 th Edition	0.001	<0.001
22.	Aluminium as Al	mg/L	3120 B	0.01	<0.01
23.	Calcium as Ca ²⁺	mg/L	3500 Ca- B	1.0	49.0
24.	Magnesium as Mg ²⁺	mg/L	3500 Mg- B	1.0	20.8
25.	Residual Free Chlorine as Cl (Max)	mg/L	4500 Cl- B	0.05	<0.05
26.	Boron as B	mg/L	3120 B	0.01	0.54
27.	Sodium as Na	mg/L	3500 Na	1.0	105
28.	Potassium as K	mg/L	3500 K	1.0	8.5
29.	Phenolic Compounds as C ₆ H ₅ OH	mg/L	5530 D	0.001	<0.001
30.	Cyanide as CN ⁻	mg/L	4500 CN- E	0.02	<0.02
31.	Anionic Detergents	mg/L	IS 3025 Part 68	0.02	<0.02
32.	Oil & Grease	mg/L	5520 C	1.0	<1
33.	Selenium as Se	mg/L	3120 B	0.01	<0.01
34.	Zinc as Zn	mg/L	3120 B	0.01	<0.01
35.	COD	mg/L	5220 B	<5.0	7.8
36.	BOD	mg/L	5210 B	<3.0	<3

- Opinion and interpretation: Nil
- Reports pertained only to the submitted sample
- Test reports shall not be reproduced except in full, without written approval of the laboratory

Verified by

D. Sanjeeva Reddy
 Asst. Manager

... End of the Report...

Authorized Signatory

K. Ravi Kumar
 Technical Manager

Hyderabad Waste Management Project
 (A Division of Re Sustainability Limited)
 Site Address:
 TSDF at: Survey No. 684/I,
 Dundigal - Gandimaisamma Municipality,
 Medchal - Malkajgiri Dist. - 500 043,
 Telangana, India.

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Nallah Water Quality Analysis Results – Upstream (Jan'26 – Mar'26)

TEST REPORT					
					
Page No:1 of 1					
Issued to	M/s: Chettinad Cement Corporation Private Limited., Limestone Mines				
Report No	: HWMP/LAB/ENV/2600440/1				
Sampling Date	: 12.02.2026	Analysis Starting Date	: 14.02.2026		
Analysis Completion Date	: 18.02.2026	Reporting Date	: 18.02.2026		
Sample Description	: Nallah Up Stream Water – (SW 260470)				
TEST RESULTS FOR NALLA UP STREAM WATER					
S. Nos.	Test Parameters	UoM	Method	Limit of Detection	Results
1.	Odour	TON	2150 -B	--	Agreeable
2.	Taste	FTN	2160 -B	--	Agreeable
3.	Pesticides	mg/L	EPA 525.02	0.01	Not Detected
• Opinion and interpretation: Nil • Reports pertained only to the submitted sample • Test reports shall not be reproduced except in full, without written approval of the laboratory					
Verified by D.Sanjeeva Reddy Asst.Manager		... End of the Report...		Authorized Signatory K. Ravi Kumar Technical Manager	
Hyderabad Waste Management Project (A Division of the Sustainability Limited) Site Address: TSDF at: Survey No. 684/I, Dundigal - Gandimaisamma Municipality, Medchal - Malkajgiri Dist. - 500 043, Telangana, India. Re Sustainability Limited (Formerly known as Ramky Enviro Engineers Limited) Registered Office: Level 11B, Aurobindo Galaxy, Hyderabad Knowledge City, HITECH City Road, Hyderabad-500 081, India. CIN No. U74140TG1994PLC018833 T: +91 93936 44222 E: mbd_hwmp@resustainability.com laboratoryhwmp@resustainability.com resustainability.com					

Nallah Water Quality Analysis Results – Downstream (Jan'26 – Mar'26)



TC-14799

TEST REPORT



Page No. 1 of 1

Issued to		M/s: Chettinad Cement Corporation Private Limited., Limestone Mines	
ULR No	: TC14799260000201F	Report No	: HWMP/LAB/ENV/2600441
Sampling Date	: 12.02.2026	Analysis Starting Date	: 14.02.2026
Analysis Completion Date	: 18.02.2026	Reporting Date	: 18.02.2026
Sample Description	: Nallah Down Stream Water – (SW 260471)		

TEST RESULTS FOR NALLA DOWN STREAM WATER

S. Nos.	Test Parameters	UoM	Method	Limit of Detection	Results
1.	pH	---	4500 H ⁺ B	---	7.23
2.	Total Hardness as CaCO ₃	mg/L	2340 C	1.0	276
3.	Total Dissolved Solids at 180°C	mg/L	2540 -C	1.0	1092
4.	Chloride as Cl ⁻	mg/L	4500 Cl-B	1.0	189
5.	Sulphate as SO ₄ ²⁻	mg/L	4500 SO ₄ ²⁻ C	1.0	148
6.	Nitrate as NO ₃	mg/L	4500 NO ₃ B	0.1	2.87
7.	Fluoride as F ⁻	mg/L	4500 F- D	0.1	1.37
8.	Colour	Hazen	2120 -C	1.0	<1.0
9.	Electrical Conductivity @ 25 C	µs/cm	IS 3025 Part 14	2.0	1434
10.	Cadmium as Cd	mg/L	3120 B	0.01	<0.01
11.	Chromium as Cr	mg/L	3120 B	0.01	<0.01
12.	Copper as Cu	mg/L	3120 B	0.01	<0.01
13.	Iron as Fe	mg/L	3120 B	0.01	1.01
14.	Manganese as Mn	mg/L	3120 B	0.01	0.23
15.	Nickel as Ni	mg/L	3120 B	0.01	<0.01
16.	Lead as Pb	mg/L	3120 B	0.01	0.01
17.	Turbidity	NTU	2130- B	0.1	2.1
18.	Arsenic as As	mg/L	3120 B	0.01	<0.01
19.	Total Alkalinity as CaCO ₃	mg/L	2320 B	0.1	298
20.	Mercury as Hg	mg/L	3125 24 th Edition	0.001	<0.001
22.	Aluminium as Al	mg/L	3120 B	0.01	<0.01
23.	Calcium as Ca ²⁺	mg/L	3500 Ca- B	1.0	45.0
24.	Magnesium as Mg ²⁺	mg/L	3500 Mg- B	1.0	21.2
25.	Residual Free Chlorine as Cl (Max)	mg/L	4500 Cl B	0.05	<0.05
26.	Boron as B	mg/L	3120 B	0.01	0.34
27.	Sodium as Na	mg/L	3500 Na	1.0	125
28.	Potassium as K	mg/L	3500 K	1.0	2.3
29.	Phenolic Compounds as C ₆ H ₅ OH	mg/L	5530 D	0.001	<0.001
30.	Cyanide as CN ⁻	mg/L	4500 CN- E	0.02	<0.02
31.	Anionic Detergents	mg/L	IS 3025 Part 68	0.02	<0.02
32.	Oil & Grease	mg/L	5520 C	1.0	<1
33.	Selenium as Se	mg/L	3120 B	0.01	<0.01
34.	Zinc as Zn	mg/L	3120 B	0.01	<0.01
35.	COD	mg/L	5220 B	<5.0	7.2
36.	BOD	mg/L	5210 B	<3.0	<3

- Opinion and interpretation: Nil
- Reports pertained only to the submitted sample
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Verified by
D. Sanjeeva Reddy
Asst. Manager

Authorized Signatory
K. Ravi Kumar
Technical Manager

... End of the Report...

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Nallah Water Quality Analysis Results – Downstream (Jan'26 – Mar'26)

TEST REPORT					
					
Page No : 1 of 1					
Issued to		M/s: Chettinad Cement Corporation Private Limited., Limestone Mines			
Report No		:HWMP/LAB/ENV/2600441/1			
Sampling Date		: 12.02.2026	Analysis Starting Date		: 14.02.2026
Analysis Completion Date		: 18.02.2026	Reporting Date		: 18.02.2026
Sample Description		: Nallah Down Stream Water – (SW 260471)			
TEST RESULTS FOR NALLA DOWN STREAM WATER					
S. Nos.	Test Parameters	UoM	Method	Limit of Detection	Results
1.	Odour	TON	2150 -B	---	Agreeable
2.	Taste	FTN	2160 -B	---	Agreeable
3.	Pesticides	mg/L	EPA 525.02	0.01	Not Detected
• Opinion and interpretation: Nil • Reports pertained only to the submitted sample • Test reports shall not be reproduced except in full, without written approval of the laboratory					
Verified by D.Sanjeeva Reddy Asst.Manager		... End of the Report...		Authorized Signatory K. Ravi Kumar Technical Manager	
Hyderabad Waste Management Project (A Division of Re Sustainability Limited) Site Address: TSDF at: Survey No. 684/L, Dundigal - Gandimaisamma Municipality, Medchal - Malkajgiri Dist. - 500 043, Telangana, India.		Re Sustainability Limited (Formerly known as Rocky Enviro Engineers Limited) Registered Office: Level 11B, Aurobindo Galaxy, Hyderabad Knowledge City, HITECH City Road, Hyderabad-500 081, India. CIN No. U74140TG1994PLC018833		T: +91 93936 44222 E: mbd_hwmp@resustainability.com laboratoryhwmp@resustainability.com resustainability.com	

Garland drains developed around the working pit

Water Conservation / Harvesting Measures Implemented

Sl. No	Activity	Development work
1	Rain water harvesting pond Developed in the ML area: Nearly 20,000 KL capacity Rain water pond developed and surrounding area rain water collection system also provided. The entire surface rain water is being collected in this pond and effective ground water recharging is going on.	
2	Water harvesting sump developed in the Pit: Nearly 20,000 KL capacity rain water harvesting sump developed in the 4 th bench pit bottom. The entire rain water in and around the pit area collected in this sump then recharge the ground water effectively.	
3	Catch drain development: Nearly 400m catch drain with ground water recharging pits are developed in the ML area. The surface rain water collected in this Pits and recharging the ground water during the monsoon session.	
4	Garland Drain Development: The external water is predominantly due to the rainwater. Entry of external rain water prevented by Garland drain made all along the boundary of mine in east side of Pit-1 and west side of Pit-2 for a span of 4 kms.	

Ground Water Levels

Sl. No.	Piezometer Location	Meters Below Ground Level	
		Post Monsoon Season Nov-25	Winter Season Feb-26
1	Near Mine Office	6.5	8.9
2	Plant Site	4.8	7.6

Piezometer (Digital Ground Water Level Recorder) installed at Mine Office



Ground Water Quality Analysis Report - Post Monsoon Season (Oct'25 - Dec'25)


TEST REPORT
CERTIFICATE NO.TC-14799


re
Sustainability

Issued to		M/s: Chettinad Cement Corporation Private Limited., Limestone Mines			
ULR No	: TC14799250001817F	Report No	: HWMP/LAB/ENV/2503252		
Sampling Date	: 12.12.2025	Analysis Starting Date	: 15.12.2025		
Analysis Completion Date	: 19.12.2025	Reporting Date	: 20.12.2025		
Sample Description	: Ground Water Samples Analysis				

TEST RESULTS FOR GROUND WATER SAMPLES

S. No	Test Parameters	UoM	Test Method	Test Results			Permissible limits as per IS 10500: 2012
				GW- 254330 Mine Site Bore Well	GW- 254331 Plant Site Bore Well	GW- 254332 Pedagarlapadu Village	
1.	Colour	Hazen	2120 -C	<5.0	<5.0	<5.0	15
2.	Turbidity	NTU	2130- B	<0.1	<0.1	<0.1	5.0
3.	pH	---	4500 H ⁺ B	7.98	7.56	7.09	6.5 - 8.5
4.	Total Alkalinity as CaCO ₃	mg/L	2320 B	387	302	402	600
5.	Residual Free Chlorine as Cl ₂ Max	mg/L	4500 Cl ⁻ B	<0.2	<0.2	<0.2	1.0
6.	Total Dissolved Solids at 180°C	mg/L	2540 -C	987	1078	1560	2000
7.	Chloride as Cl ⁻	mg/L	4500 Cl ⁻ B	187	198	276.0	1000
8.	Fluoride as F ⁻	mg/L	4500 F ⁻ D	0.45	0.67	0.72	1.5
9.	Sulphate as SO ₄ ²⁻	mg/L	4500 SO ₄ ²⁻ C	254	233	394	400
10.	Sulphide as S ²⁻	mg/L	4500 S ²⁻ F	<0.05	<0.05	<0.05	<0.05
11.	Nitrate as NO ₃	mg/L	4500 NO ₃ B	29.16	36.0	31.3	45
12.	Calcium as Ca ²⁺	mg/L	3500 Ca- B	135	104	79.3	200
13.	Magnesium as Mg ²⁺	mg/L	3500 Mg- B	21.65	16.83	45.70	100
14.	Total Hardness as CaCO ₃	mg/L	2340 -C	425	326	386	600
15.	Manganese as Mn	mg/L	3120 B	<0.05	<0.05	<0.05	0.3
16.	Copper as Cu	mg/L	3120 B	<0.05	<0.05	<0.05	1.5
17.	Iron as Fe	mg/L	3120 B	<0.05	<0.05	<0.05	1.0
18.	Arsenic as As	mg/L	3120 B	<0.01	<0.01	<0.01	0.01
19.	Cadmium as Cd	mg/L	3120 B	<0.003	<0.003	<0.003	0.003
20.	Lead as Pb	mg/L	3120 B	<0.01	<0.01	<0.01	0.01
21.	Zinc as Zn	mg/L	3120 B	0.18	0.21	0.19	15
22.	Total Chromium as Cr	mg/L	3120 B	<0.05	<0.05	<0.05	0.05
23.	Phenolic Compounds as C ₆ H ₅ OH	mg/L	5530 D	<0.001	<0.001	<0.001	0.002
24.	Barium as Ba	mg/L	3120 B	<0.01	<0.01	<0.01	0.7
25.	Selenium as Se	mg/L	3120 B	<0.01	<0.01	<0.01	0.01
26.	Boron as B	mg/L	3120 B	0.49	0.76	0.67	1.0
27.	Aluminium as Al	mg/L	3120 B	<0.01	<0.01	<0.01	0.2
28.	Cyanide as CN ⁻	mg/L	4500 CN ⁻ E	<0.05	<0.05	<0.05	0.05
29.	Nickel as Ni	mg/L	3120 B	<0.02	<0.02	<0.02	0.02
30.	Odour	TON	2150 -B	Agreeable	Agreeable	Agreeable	Agreeable
31.	Taste	FTN	2160 -B	Agreeable	Agreeable	Agreeable	Agreeable
32.	Mercury as Hg	mg/L	3125 24 th Ed	<0.001	<0.001	<0.001	<0.001

Hyderabad Waste Management Project
(A Division of Re Sustainability Limited)
Site Address:
TSDF at: Survey No. 684/L
Dundigal - Gandimaisamma Municipality,
Medchal - Malkajgiri Dist. - 500 043,
Telangana, India.

Re Sustainability Limited
(Formerly known as: Rechara Group Engineers Limited)
Registered Office:
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Hyderabad Knowledge City,
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CIN No. U74140TG1994PLC018833


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Ground Water Quality Analysis Report - Post Monsoon Season (Oct'25 - Dec'25)


TEST REPORT
CERTIFICATE NO.TC-14799



Issued to	M/s: Chettinad Cement Corporation Private Limited., Limestone Mines		
ULR No	: TC147992500001817F	Report No	: HWMP/LAB/ENV/2503262
Sampling Date	: 12.12.2025	Analysis Starting Date	: 15.12.2025
Analysis Completion Date	: 19.12.2025	Reporting Date	: 20.12.2025
Sample Description	: Ground Water Samples Analysis		

TEST RESULTS FOR GROUND WATER SAMPLES

S. No	Test Parameters	UoM	Test Method	Test Results			Permissible limits as per IS 10500: 2012
				GW- 254333	GW- 254334	GW- 254335	
				Takkellapadu Village	Veerapuram Village	Kachavaram Village	
1.	Colour	Hazen	2120 -C	<5.0	<5.0	<5.0	15
2.	Turbidity	NTU	2130- B	<0.1	<0.1	<0.1	5.0
3.	pH	---	4500 H ⁺ B	7.78	7.67	7.12	6.5 - 8.5
4.	Total Alkalinity as CaCO ₃	mg/L	2320 B	423	363	466	600
5.	Residual Free Chlorine as Cl ₂ Max	mg/L	4500 Cl ⁻ B	<0.2	<0.2	<0.2	1.0
6.	Total Dissolved Solids at 180°C	mg/L	2540 -C	1092	1232	1435	2000
7.	Chloride as Cl ⁻	mg/L	4500 Cl ⁻ B	176	293	289	1000
8.	Fluoride as F ⁻	mg/L	4500 F ⁻ D	0.82	0.75	0.71	1.5
9.	Sulphate as SO ₄ ²⁻	mg/L	4500 SO ₄ ²⁻ C	287	253	365	400
10.	Sulphide as S ²⁻	mg/L	4500 S ²⁻ F	<0.05	<0.05	<0.05	<0.05
11.	Nitrate as NO ₃	mg/L	4500 NO ₃ B	30.8	35.3	28.3	45
12.	Calcium as Ca ²⁺	mg/L	3500 Ca- B	143	123	107	200
13.	Magnesium as Mg ²⁺	mg/L	3500 Mg- B	31.2	14.4	38.4	100
14.	Total Hardness as CaCO ₃	mg/L	2340 C	485	366	425	600
15.	Manganese as Mn	mg/L	3120 B	<0.05	<0.05	<0.05	0.3
16.	Copper as Cu	mg/L	3120 B	<0.05	<0.05	<0.05	1.5
17.	Iron as Fe	mg/L	3120 B	<0.05	<0.05	<0.05	1.0
18.	Arsenic as As	mg/L	3120 B	<0.01	<0.01	<0.01	0.01
19.	Cadmium as Cd	mg/L	3120 B	<0.003	<0.003	<0.003	0.003
20.	Lead as Pb	mg/L	3120 B	<0.01	<0.01	<0.01	0.01
21.	Zinc as Zn	mg/L	3120 B	0.22	1.18	2.33	15
22.	Total Chromium as Cr	mg/L	3120 B	<0.05	<0.05	<0.05	0.05
23.	Phenolic Compounds as C ₆ H ₅ OH	mg/L	5530 D	<0.001	<0.001	<0.001	0.002
24.	Barium as Ba	mg/L	3120 B	<0.01	<0.01	<0.01	0.7
25.	Selenium as Se	mg/L	3120 B	<0.01	<0.01	<0.01	0.01
26.	Boron as B	mg/L	3120 B	0.54	0.56	0.43	1.0
27.	Aluminium as Al	mg/L	3120 B	<0.01	<0.01	<0.01	0.2
28.	Cyanide as CN ⁻	mg/L	4500 CN ⁻ E	<0.05	<0.05	<0.05	0.05
29.	Nickel as Ni	mg/L	3120 B	<0.02	<0.02	<0.02	0.02
30.	Odour	TON	2150 -B	Agreeable	Agreeable	Agreeable	Agreeable
31.	Taste	FTN	2160 -B	Agreeable	Agreeable	Agreeable	Agreeable
32.	Mercury as Hg	mg/L	3125 24 th Ed	<0.001	<0.001	<0.001	<0.001


Authorized Signatory
K.Ravi Kumar
Technical Manager

Ground Water Quality Analysis Report - Winter Season (Jan'26 - Mar'26)



TEST REPORT



CERTIFICATE NO.TC-14799

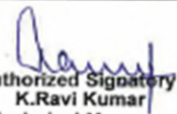
Issued to		M/s: Chettinad Cement Corporation Private Limited., Limestone Mines	
ULR No	: TC14799260000197F	Report No	: HWMP/LAB/ENV/2600439
Sampling Date	: 12.02.2026	Analysis Starting Date	: 14.02.2026
Analysis Completion Date	: 18.02.2026	Reporting Date	: 18.02.2026
Sample Description		: Ground Water Samples Analysis	

TEST RESULTS FOR GROUND WATER SAMPLES

S. No	Test Parameters	UoM	Test Method	Test Results			Permissible limits as per IS 10500: 2012
				GW- 260464 Mine Site Bore Well	GW- 260465 Plant Site Bore Well	GW- 260466 Pedagarlapadu Village	
1.	Colour	Hazen	2120 -C	<5.0	<5.0	<5.0	15
2.	Turbidity	NTU	2130- B	<0.1	<0.1	<0.1	5.0
3.	pH	---	4500 H'B	7.25	7.88	7.23	6.5 - 8.5
4.	Total Alkalinity as CaCO ₃	mg/L	2320 B	423	387	312	600
5.	Residual Free Chlorine as Cl ₂ Max	mg/L	4500 Cl' B	<0.2	<0.2	<0.2	1.0
6.	Total Dissolved Solids at 180°C	mg/L	2540 -C	1029	1066	1235	2000
7.	Chloride as Cl ⁻	mg/L	4500 Cl- B	123	148	207	1000
8.	Fluoride as F ⁻	mg/L	4500 F- D	0.48	0.98	0.71	1.5
9.	Sulphate as SO ₄ ²⁻	mg/L	4500 SO ₄ ²⁻ C	218	254	332	400
10.	Sulphide as S ²⁻	mg/L	4500 S ²⁻ F	<0.05	<0.05	<0.05	<0.05
11.	Nitrate as NO ₃	mg/L	4500 NO ₃ B	34.0	31.8	30.0	45
12.	Calcium as Ca ²⁺	mg/L	3500 Ca- B	107	103	83	200
13.	Magnesium as Mg ²⁺	mg/L	3500 Mg- B	55.3	12.02	43.20	100
14.	Total Hardness as CaCO ₃	mg/L	2340 C	495	307	388	600
15.	Manganese as Mn	mg/L	3120 B	<0.05	<0.05	<0.05	0.3
16.	Copper as Cu	mg/L	3120 B	<0.05	<0.05	<0.05	1.5
17.	Iron as Fe	mg/L	3120 B	<0.05	<0.05	<0.05	1.0
18.	Arsenic as As	mg/L	3120 B	<0.01	<0.01	<0.01	0.01
19.	Cadmium as Cd	mg/L	3120 B	<0.003	<0.003	<0.003	0.003
20.	Lead as Pb	mg/L	3120 B	<0.01	<0.01	<0.01	0.01
21.	Zinc as Zn	mg/L	3120 B	0.10	0.27	0.54	15
22.	Total Chromium as Cr	mg/L	3120 B	<0.05	<0.05	<0.05	0.05
23.	Phenolic Compounds as C ₆ H ₅ OH	mg/L	5530 D	<0.001	<0.001	<0.001	0.002
24.	Barium as Ba	mg/L	3120 B	<0.01	<0.01	<0.01	0.7
25.	Selenium as Se	mg/L	3120 B	<0.01	<0.01	<0.01	0.01
26.	Boron as B	mg/L	3120 B	0.54	0.61	0.58	1.0
27.	Aluminium as Al	mg/L	3120 B	<0.01	<0.01	<0.01	0.2
28.	Cyanide as CN ⁻	mg/L	4500 CN- E	<0.05	<0.05	<0.05	0.05
29.	Nickel as Ni	mg/L	3120 B	<0.02	<0.02	<0.02	0.02
30.	Odour	TON	2150 -B	Agreeable	Agreeable	Agreeable	Agreeable
31.	Taste	FTN	2160 -B	Agreeable	Agreeable	Agreeable	Agreeable
32.	Mercury as Hg	mg/L	3125 24 th Ed	<0.001	<0.001	<0.001	<0.001

Hyderabad Waste Management Project
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Ground Water Quality Analysis Report - Winter Season (Jan'26 - Mar'26)


TEST REPORT
CERTIFICATE NO.TC-14799


Sustainability

Issued to	M/s: Chettinad Cement Corporation Private Limited., Limestone Mines		
ULR No	: TC14799260000197F	Report No	: HWMP/LAB/ENV/2600439
Sampling Date	: 12.02.2026	Analysis Starting Date	: 14.02.2026
Analysis Completion Date	: 18.02.2026	Reporting Date	: 18.02.2026
Sample Description	: Ground Water Samples Analysis		

TEST RESULTS FOR GROUND WATER SAMPLES

S. No	Test Parameters	UoM	Test Method	Test Results			Permissible limits as per IS 10500: 2012
				GW- 260467 Takkellapadu Village	GW- 260468 Veerapuram Village	GW- 260469 Kachavaram Village	
1.	Colour	Hazen	2120 -C	<5.0	<5.0	<5.0	15
2.	Turbidity	NTU	2130- B	<0.1	<0.1	<0.1	5.0
3.	pH	----	4500 H ⁺ B	7.65	7.22	7.01	6.5 - 8.5
4.	Total Alkalinity as CaCO ₃	mg/L	2320 B	382	534	535	600
5.	Residual Free Chlorine as Cl ₂ Max	mg/L	4500 Cl ⁻ B	<0.2	<0.2	<0.2	1.0
6.	Total Dissolved Solids at 180°C	mg/L	2540 -C	1152	1524	1098	2000
7.	Chloride as Cl ⁻	mg/L	4500 Cl ⁻ B	253	309	323	1000
8.	Fluoride as F ⁻	mg/L	4500 F ⁻ D	0.45	0.71	0.54	1.5
9.	Sulphate as SO ₄ ²⁻	mg/L	4500 SO ₄ ²⁻ C	209	299	309	400
10.	Sulphide as S ²⁻	mg/L	4500 S ²⁻ F	<0.05	<0.05	<0.05	<0.05
11.	Nitrate as NO ₃	mg/L	4500 NO ₃ B	32.0	30.2	22.1	45
12.	Calcium as Ca ²⁺	mg/L	3500 Ca- B	139	111	110	200
13.	Magnesium as Mg ²⁺	mg/L	3500 Mg- B	14.4	38.4	28.8	100
14.	Total Hardness as CaCO ₃	mg/L	2340°C	406	435	396	600
15.	Manganese as Mn	mg/L	3120 B	<0.05	<0.05	<0.05	0.3
16.	Copper as Cu	mg/L	3120 B	<0.05	<0.05	<0.05	1.5
17.	Iron as Fe	mg/L	3120 B	<0.05	<0.05	<0.05	1.0
18.	Arsenic as As	mg/L	3120 B	<0.01	<0.01	<0.01	0.01
19.	Cadmium as Cd	mg/L	3120 B	<0.003	<0.003	<0.003	0.003
20.	Lead as Pb	mg/L	3120 B	<0.01	<0.01	<0.01	0.01
21.	Zinc as Zn	mg/L	3120 B	0.78	1.23	1.45	15
22.	Total Chromium as Cr	mg/L	3120 B	<0.05	<0.05	<0.05	0.05
23.	Phenolic Compounds as C ₆ H ₅ OH	mg/L	5530 D	<0.001	<0.001	<0.001	0.002
24.	Barium as Ba	mg/L	3120 B	<0.01	<0.01	<0.01	0.7
25.	Selenium as Se	mg/L	3120 B	<0.01	<0.01	<0.01	0.01
26.	Boron as B	mg/L	3120 B	0.87	0.76	0.87	1.0
27.	Aluminium as Al	mg/L	3120 B	<0.01	<0.01	<0.01	0.2
28.	Cyanide as CN ⁻	mg/L	4500 CN ⁻ E	<0.05	<0.05	<0.05	0.05
29.	Nickel as Ni	mg/L	3120 B	<0.02	<0.02	<0.02	0.02
30.	Odour	TON	2150 -B	Agreeable	Agreeable	Agreeable	Agreeable
31.	Taste	FTN	2160 -B	Agreeable	Agreeable	Agreeable	Agreeable
32.	Mercury as Hg	mg/L	3125 24 ^h Ed	<0.001	<0.001	<0.001	<0.001


Authorized Signatory
K.Ravi Kumar
Technical Manager

Water Quality Analysis of Mines Sump (Oct'25 – Dec'25)

TEST REPORT					
 TC-14799					
Issued to		M/s: Chettinad Cement Corporation Private Limited., Limestone Mines			
ULR No	: TC147992500001816F	Report No	: HWMP/LAB/ENV/2503251		
Sampling Date	: 12.12.2025	Analysis Starting Date	: 15.12.2025		
Analysis Completion Date	: 19.12.2025	Reporting Date	: 20.12.2025		
Sample Description	: Sump Water (Mines) – (SW 254329)				
TEST RESULTS FOR SUMP WATER					
S. No	Test Parameters	UoM	Method	Limit of Detection	Results
1.	Colour	Hazen	IS 3025 (Part 4) 1983	1.0	3.9
2.	Temperature	°C	APHA 24 th Edition 2550-B: 2017	--	25.7
3.	pH at 25°C	---	IS 3025 (Part 11) 1983	--	7.03
4.	Suspended Solids	mg/L	APHA 24 th Ed. 2540-D	1.0	5.3
5.	Total Dissolved Solids	mg/L	IS 3025 (Part 16)- 1984	1.0	656
6.	Oil & Grease	mg/L	APHA 24 th Ed 5520-C	1.0	<1.0
7.	Chloride as Cl	mg/L	IS 3025 Part 32-1988	1.0	70.66
8.	Fluoride as F	mg/L	APHA 24 th Edition 4550-FD- SPADNS	0.1	0.87
9.	Dissolved Phosphates	mg/L	APHA 24 th Edition 4550-P D- 2017	0.1	<0.1
10.	Sulphates as SO ₄	mg/L	IS 3025 (Part 24) 1986	1.0	109
11.	Nitrates as NO ₃	mg/L	APHA 24 th Ed 4500 N03 B	1.0	23.8
12.	Total Hardness as CaCO ₃	mg/L	IS 3025 (Part 21) 2009	1.0	40.1
13.	Chemical Oxygen Demands	mg/L	APHA 24 th Ed 3120 B	5.0	11.2
14.	Biological Oxygen Demands (3 Days at 27°C)	mg/L	IS 3025 (Part 44) 2009	3.0	3.0
15.	Ferrous Iron	mg/L	APHA 24 th Ed 3550 B	0.01	<0.01
16.	Ferric Iron	mg/L	APHA 24 th Ed 3550 B	0.01	<0.01
17.	Calcium as Ca	mg/L	APHA 24 th Ed 3500 Ca-B 2017	1.0	12.5
18.	Magnesium as Mg	mg/L	IS 3025 (Part 46) 1994	1.0	3.09
19.	Total Coliforms	MPN/ 100 ml	APHA 9221 B	--	Absent
20.	Escherichia Coli	MPN/ 100 ml	APHA 9221 E	--	Absent

- Opinion and interpretation: Nil
- Reports pertained only to the submitted sample
- Test reports shall not be reproduced except in full, without written approval of the laboratory

Hyderabad Waste Management Project
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Site Address:
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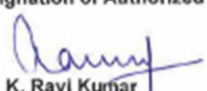
Water Quality Analysis of Mines Sump (Jan'26 – Mar'26)

TEST REPORT					
 TC-14799					
Issued to	M/s: Chettinad Cement Corporation Private Limited., Limestone Mines				
ULR No	: TC14799260000196F	Report No	: HWMP/LAB/ENV/2600438		
Sampling Date	: 12.02.2026	Analysis Starting Date	: 14.02.2026		
Analysis Completion Date	: 18.02.2026	Reporting Date	: 18.02.2026		
Sample Description	: Sump Water (Mines) – (SW 260463)				
TEST RESULTS FOR SUMP WATER					
S. No	Test Parameters	UoM	Method	Limit of Detection	Results
1.	Colour	Hazen	IS 3025 (Part 4) 1983	1.0	2.7
2.	Temperature	°C	APHA 24 th Edition 2550-B: 2017	--	21.6
3.	pH at 25°C	---	IS 3025 (Part 11) 1983	--	7.08
4.	Suspended Solids	mg/L	APHA 24 th Ed. 2540-D	1.0	4.8
5.	Total Dissolved Solids	mg/L	IS 3025 (Part 16)- 1984	1.0	765
6.	Oil & Grease	mg/L	APHA 24 th Ed 5520-C	1.0	<1.0
7.	Chloride as Cl	mg/L	IS 3025 Part 32-1988	1.0	69.3
8.	Fluoride as F	mg/L	APHA 24 th Edition 4550-FD- SPADNS	0.1	0.67
9.	Dissolved Phosphates	mg/L	APHA 24 th Edition 4550-P D- 2017	0.1	<0.1
10.	Sulphates as SO ₄	mg/L	IS 3025 (Part 24) 1986	1.0	121
11.	Nitrates as NO ₃	mg/L	APHA 24 th Ed 4500 N03 B	1.0	25.0
12.	Total Hardness as CaCO ₃	mg/L	IS 3025 (Part 21) 2009	1.0	37.5
13.	Chemical Oxygen Demands	mg/L	APHA 24 th Ed 3120 B	5.0	11.9
14.	Biological Oxygen Demands (3 Days at 27°C)	mg/L	IS 3025 (Part 44) 2009	3.0	<3.0
15.	Ferrous Iron	mg/L	APHA 24 th Ed 3550 B	0.01	<0.01
16.	Ferric Iron	mg/L	APHA 24 th Ed 3550 B	0.01	<0.01
17.	Calcium as Ca	mg/L	APHA 24 th Ed 3500 Ca-B 2017	1.0	12.0
18.	Magnesium as Mg	mg/L	IS 3025 (Part 46) 1994	1.0	4.18
19.	Total Coliforms	MPN/ 100 ml	APHA 9221 B	--	Absent
20.	Escherichia Coli	MPN/ 100 ml	APHA 9221 E	--	Absent

- Opinion and interpretation: Nil
- Reports pertained only to the submitted sample
- Test reports shall not be reproduced except in full, without written approval of the laboratory

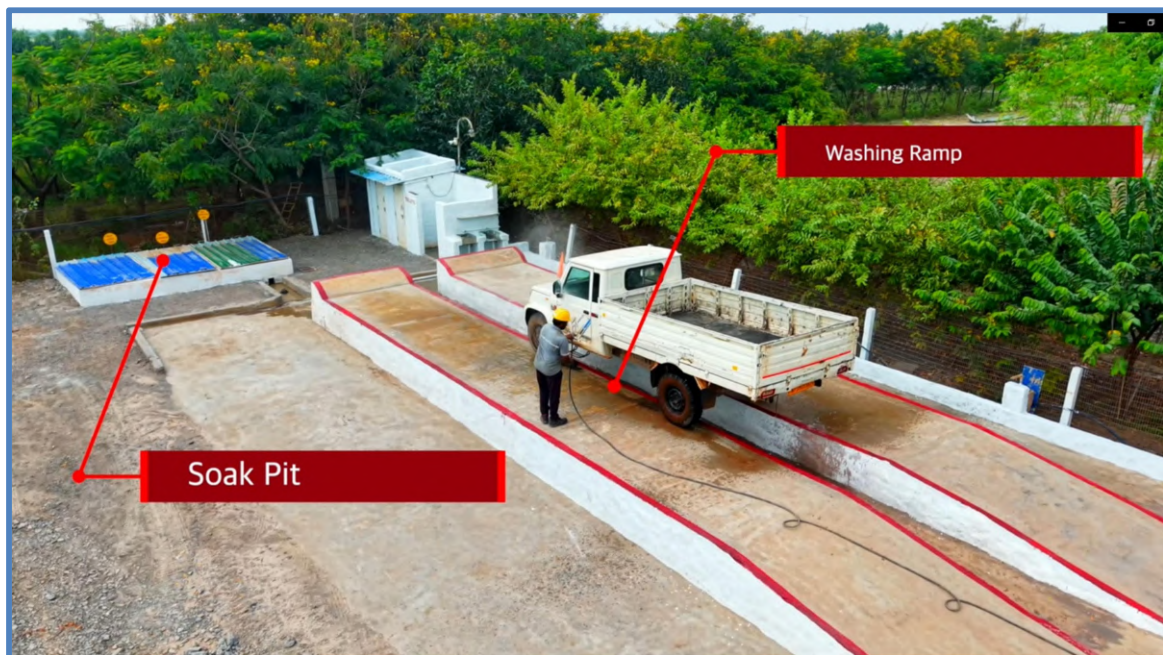
Hyderabad Waste Management Project
(A Division of Re Sustainability Limited)
 Site Address:
 TSDF at: Survey No. 684/1,
 Dundigal - Gandimaisamma Municipality,
 Medchal - Malkajgiri Dist. - 500 043,
 Telangana, India.

Name and Designation of Authorized Signatory


K. Ravi Kumar
Technical Manager

Re Sustainability Limited
(Formerly known as Rastogi Infra Engineers Limited)
 Registered Office:
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 CIN No. U74140TG1994PLC018833

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Details of Vehicle washing facility provided

Medical examination for employees and workers

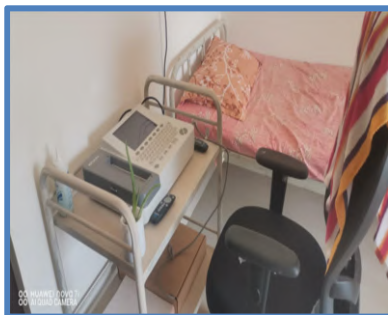


Occupational Health Centre (OHC)

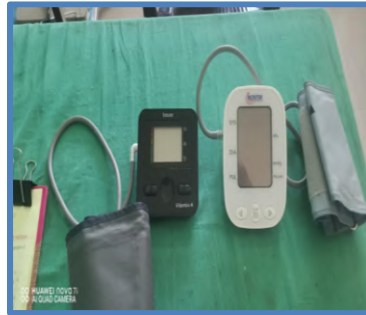
- Pre-employment & Periodical medical checkups for employees & workers are being carried out regularly and records of the same are being maintained.
- The details of Occupational health services are as follows:



OHC & Ambulance Facilities



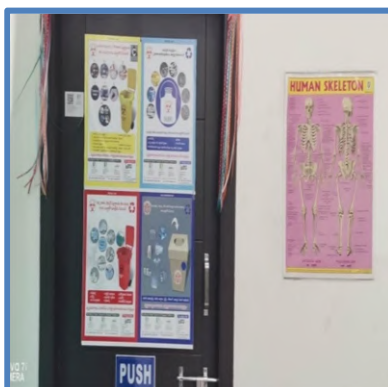
ECG Machine



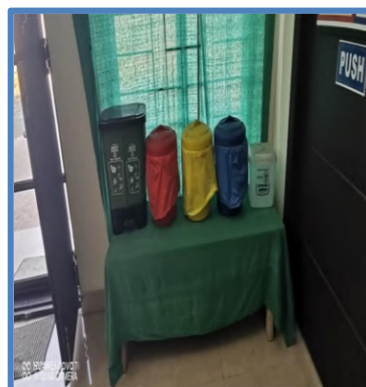
Digital BP operator



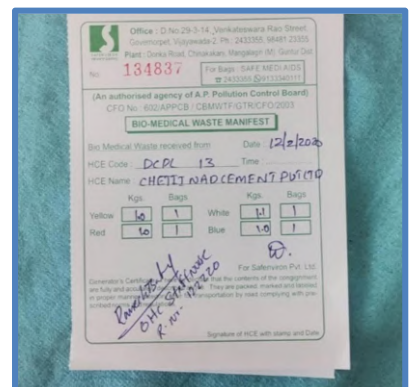
Glucometer



BMW Segregation

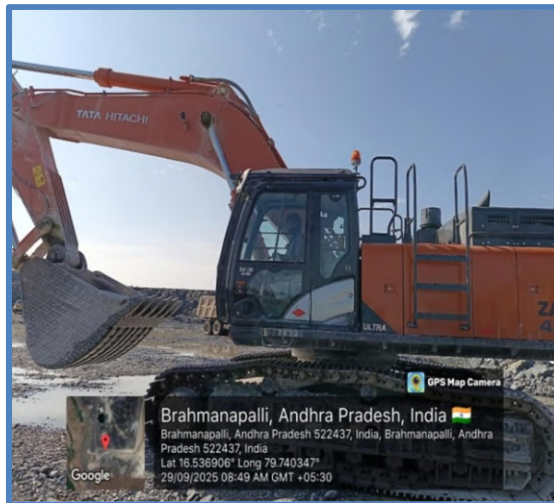


Colour Coded Bins



Disposal to APPCB Authorized Agency

Personal Dust Sampling – Free Silica



Personal Dust Sampling – Free Silica Monitoring Results

TEST REPORT							
 CERTIFICATE NO. TC-14799		 Sustainability					
Issued to		M/s: Chettinad Cement Corporation Private Limited., Limestone Mines					
ULR No		: TC147992600000202F		Report No		: HWMP/LAB/ENV/2600442	
Sampling Date		: 12.02.2026		Analysis Starting Date		: 13.02.2026	
Analysis Completion Date		: 16.02.2026		Reporting Date		: 18.02.2026	
Sample Description		: AIRBORNE RESPIRABLE DUST & FREE SILICA Monitoring					
Sampling Commodity		: Personal Sampling & Static Sampling					
TEST RESULTS FOR AIRBORNE RESPIRABLE DUST & FREE SILICA							
Sl. No's.	Sample ID	Sample Locations	Name of the Persons	Employee ID	Result $\mu\text{g}/\text{m}^3$	PEL $\mu\text{g}/\text{m}^3$	Free SILICA (%)
1.	PDS- 260472	Tipper Operator (Personal Sampling)	Mallekhaedi Nasing	LEM 265	1.0293	<3.0	0.0088
2.	PDS- 260473	Excavator Operator (Personal Sampling)	Akkinanapalli Ramesh	LEM 244	1.3231		0.0012
3.	PDS- 260474	Crusher Unloading (Static Sampling)	-	LEM 278	1.9845		0.0056
4.	PDS- 260475	Mines Office (Static Sampling)	-	LEM 244	1.8743		0.0076
 Verified by D. Sanjeeva Reddy Assistant Manager  Authorized Signatory K. Ravi Kumar Technical Manager							
Hyderabad Waste Management Project (A Division of Re Sustainability Limited) Site Address: TSDF at: Survey No. 584/1, Dundigal - Gandimaisamma Municipality, Medchal - Malkajgiri Dist. - 500 043, Telangana, India.				Re Sustainability Limited (Formerly known as Remey Enviro Engineers Limited) Registered Office: Level 11B, Aurobindo Galaxy, Hyderabad Knowledge City, Hitech City Road, Hyderabad-500 081 India, CIN No. U74140TG1994PLC018833			
				T: +91 93936 44222 E: mbd_hwmp@resustainability.com laboratoryhwmp@resustainability.com resustainability.com			

CSR Activities during FY 2025-26

CSR activities are carried out for the needy people in surrounding villages comprising of Three Panchayat viz, Pedagarlapadu, Takkellapadu & Tummalacheruvu. The details of CSR activities carried out during FY 2025-2026 are as follows:

Sl. No	Village	Description	in Lakhs	Status
1	Pedagarlapadu & Takkellapadu	Issue a cheque for Rs 1.00 Crores to RDO Gurujala towards CSR contribution for development of Civic amenities and rehabilitation of Pedagarlapadu & Takkellapadu villages	100.00	completed
2	Palnadu Dist.	CCTV Cameras for Government Girls Hostels in Palnadu District	11.25	completed
3	Pedagarlapadu	Vidya Volunteers Salaries for ZPH School Pedagarlapadu	5.00	completed
4	Veerarpuram	Canal Road repair work with Gravel from Plant Main Gate to Shanthi Nagar	15.00	completed
			131.25	



Ambient Air Quality Monitoring Data – Core Zone
Particulate Matter Less than 10 Microns (PM₁₀) - µg/m³

Sl. No.	AAQ Location	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
1	Old Mines Office Area	51.4	39.2	42.8	57.3	56.7	61.2
2	Haulage Road	58.8	61.7	58.4	61.2	52.6	71.3
3	Drilling Area	65.4	70.3	68.2	70.6	49.9	56.2
4	New Mines Office Area	54.2	68.1	66.0	69.5	51.2	59.4
NAAQMS-2009 Standards:		100 µg/m³					

Particulate Matter Less than 2.5 Microns (PM_{2.5}) - µg/m³

Sl. No.	AAQ Location	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
1	Mines Office Area	22.5	12.8	18.3	21.4	22.2	25.4
2	Haulage Road	20.2	23.8	20.8	26.5	20.8	34.9
3	Drilling Area	27.7	38.3	27.5	29.0	19.2	23.5
4	New Mines Office Area	25.8	27.6	25.0	28.4	18.0	21.2
NAAQMS-2009 Standards:		60 µg/m³					

Sulphur Dioxide (SO₂) - µg/m³

Sl. No.	AAQ Location	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
1	Mines Office Area	9.2	6.1	4.3	5.1	7.3	7.1
2	Haulage Road	12.4	8.9	7.4	6.3	8.1	8.7
3	Drilling Area	10.9	7.6	8.1	6.8	6.3	6.2
4	New Mines Office Area	11.2	10.4	5.8	7.3	9.0	8.8
NAAQMS-2009 Standards:		80 µg/m³					

Nitrogen Dioxide (NO₂) - µg/m³

Sl. No.	AAQ Location	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
1	Mines Office Area	21.2	18.4	27.3	29.6	29.0	28.7
2	Haulage Road	18.5	21.5	28.0	31.2	30.4	33.7
3	Drilling Area	22.6	28.2	31.6	30.8	32.0	30.1
4	New Mines Office Area	17.5	26.1	30.8	28.0	28.1	29.0
NAAQMS-2009 Standards:		80 µg/m³					

Ambient Air Quality Monitoring Data – Buffer Zone
Particulate Matter Less than 10 Microns (PM₁₀) - µg/m³

Sl. No.	AAQ Location	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
1	Pedagarlapadu Village	42.6	51.2	42.3	48.4	61.6	48.4
2	Takkellapadu Village	51.8	49.5	56.0	58.9	76.0	56.8
3	Kachavaram Village	48.4	45.1	59.0	61.7	63.0	61.2
4	Veerapuram Village	50.3	57.6	65.3	59.3	58.1	56.0
NAAQMS-2009 Standards:		100 µg/m³					

Particulate Matter Less than 2.5 Microns (PM_{2.5}) - µg/m³

Sl. No.	AAQ Location	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
1	Pedagarlapadu Village	17.4	20.5	27	17.6	16.4	15.3
2	Takkellapadu Village	17.2	21.8	25.2	19.3	28.0	21.4
3	Kachavaram Village	21.6	18.4	21.4	28.4	21.2	27.1
4	Veerapuram Village	25.3	25.8	20.2	25.0	18.5	16.3
NAAQMS-2009 Standards:		60 µg/m³					

Sulphur Dioxide (SO₂) - µg/m³

Sl. No.	AAQ Location	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
1	Pedagarlapadu Village	9.4	15.8	4.8	5.2	7.3	6.3
2	Takkellapadu Village	12.4	11.2	7.2	6.9	9.1	7.4
3	Kachavaram Village	11.3	10.5	6.9	6.3	6.1	5.9
4	Veerapuram Village	9.2	17.4	5.8	7.8	6.7	6.0
NAAQMS-2009 Standards:		80 µg/m³					

Nitrogen Dioxide (NO₂) - µg/m³

Sl. No.	AAQ Location	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
1	Pedagarlapadu Village	22.5	19.7	28.3	28.5	28.0	27.6
2	Takkellapadu Village	15.5	16.8	30.0	30.6	26.0	25.0
3	Kachavaram Village	20.6	18.1	27.4	25.0	25.8	28.3
4	Veerapuram Village	25.0	20.3	24.0	27.6	29.0	30.0
NAAQMS-2009 Standards:		80 µg/m³					

Fugitive Emissions Control Measures

Ambient Noise Monitoring Data

Sl. No.	Parameter	Oct-25		Nov-25		Dec-25	
		Day	Night	Day	Night	Day	Night
	<i>Standards</i>	<i>55 dB(A)</i>	<i>45 dB(A)</i>	<i>55 dB(A)</i>	<i>45 dB(A)</i>	<i>55 dB(A)</i>	<i>45 dB(A)</i>
1	Budawada Village	50.4	40.8	47.3	38.6	47.0	39.4
2	Kachavaram Village	53.3	39.3	51.5	40.1	52.4	42.3
3	Gadawaripalli Village	48.1	41.7	46.2	39.7	49.2	38.7
4	Tummalachervu Village	50.8	43.2	48.8	42.4	51.2	41.3

Sl. No	Parameter	Jan-26		Feb-26		Mar-26	
		Day	Night	Day	Night	Day	Night
	<i>Standards</i>	<i>55 dB(A)</i>	<i>45 dB(A)</i>	<i>55 dB(A)</i>	<i>45 dB(A)</i>	<i>55 dB(A)</i>	<i>45 dB(A)</i>
1	Budawada Village	52.5	43.6	49.1	41.3	50.3	40.8
2	Kachavaram Village	53.8	42.8	51.9	40.6	49.6	39.2
3	Gadawaripalli Village	52.3	40.2	50.2	42.9	48.8	37.5
4	Tummalachervu Village	50.7	42.1	52.0	43.7	52.3	40.1

Work Zone Noise Monitoring Data (Oct'25 - Dec'25)

TEST REPORT		 Sustainability	
 CERTIFICATE NO.TC-14799			
Issued to	M/s: Chettinad Cement Corporation Private Limited., Limestone Mines		
ULR No	: TC147992500001818F	Report No	: HWMP/LAB/ENV/2503254
Sampling Date	: 10.12.2025 to 11.12.2025	Analysis Starting Date	: 15.12.2025
Analysis Completion Date	: 15.12.2025	Reporting Date	: 20.12.2025
Sample Description	: Source Noise Monitoring		
Test Methods	: IS 9989 & Noise Meter		

TEST RESULTS FOR SOURCE NOISE MONITORING

S. No	Sample ID	Locations Details	Equivalent Continuous Sound Levels dB(A)	Limits in dB(A)
			L Day	
1.	SNM- 254336/ 1	Haulage Road while Dumpers are moving	70.6	85 dB(A)
2.	SNM- 254336/ 2	Drilling Area	79.1	
3.	SNM- 254336/ 3	Crusher Hopper Area	75.8	
4.	SNM- 254336/ 4	Mines Office Area	59.3	
5.	SNM- 254336/ 5	Loading Area	79.7	

- Opinion and interpretation: Nil
- Reports pertained only to the collected samples when monitoring
- Test reports shall not be reproduced except in full, without written approval of the Laboratory
- Noise Meter: SI. No:3145387, EXTECH, Model No:407750, Calibration date 28.10.2025, due date: 27.10.2026


Verified by
D. Sanjeeva Reddy
 Assistant Manager


Authorized Signatory
K. Ravi Kumar
 Technical Manager

End of the Report

Hyderabad Waste Management Project
 (A Division of RE Sustainability Limited)
 Site Address:
 TSDF at: Survey No. 684/1,
 Dundigal - Gandimaisamma Municipality,
 Medchal - Malkajgiri Dist. - 500 043,
 Telangana, India.

Re Sustainability Limited
 (Formerly known as Ramky Enviro Engineers Limited)
 Registered Office:
 Level 11B, Aurobindo Galaxy,
 Hyderabad Knowledge City,
 Hitech City Road, Hyderabad-500 081, India.
 CIN No. U74140TG1994PLC018933

T: +91 93936 44222
 E: mbd_hwmp@resustainability.com
 laboratoryhwmp@resustainability.com
resustainability.com

Work Zone Noise Monitoring Data (Jan'26 - Mar'26)

TEST REPORT			
 CERTIFICATE NO.TC-14799			
Issued to	M/s: Chettinad Cement Corporation Private Limited., Limestone Mines		
ULR No	: TC147992600000195F	Report No	: HWMP/LAB/ENV/2600437
Sampling Date	: 12.02.2026	Analysis Starting Date	: 13.02.2026
Analysis Completion Date	: 13.02.2026	Reporting Date	: 13.02.2026
Sample Description	: Source Noise Monitoring		
Test Methods	: IS 9989 & Noise Meter		

TEST RESULTS FOR SOURCE NOISE MONITORING				
S. No	Sample ID	Locations Details	Equivalent Continuous Sound Levels dB(A)	Limits In dB(A)
			L Day	
1.	SNM- 260462/ 1	Haulage Road while Dumpers are moving	78.3	85 dB(A)
2.	SNM- 260462/ 2	Drilling Area	80.1	
3.	SNM- 260462/ 3	Crusher Hopper Area	78.6	
4.	SNM- 260462/ 4	Mines Office Area	61.2	
5.	SNM- 260462/ 5	Loading Area	81.0	

- Opinion and interpretation: Nil
- Reports pertained only to the collected samples when monitoring
- Test reports shall not be reproduced except in full, without written approval of the Laboratory
- Noise Meter: Sl. No:3145387, EXTECH, Model No:407750, Calibration date 28.10.2025, due date:27.10.2026.


Verified by
D. Sanjeeva Reddy
 Assistant Manager


Authorized Signatory
K. Ravi Kumar
 Technical Manager

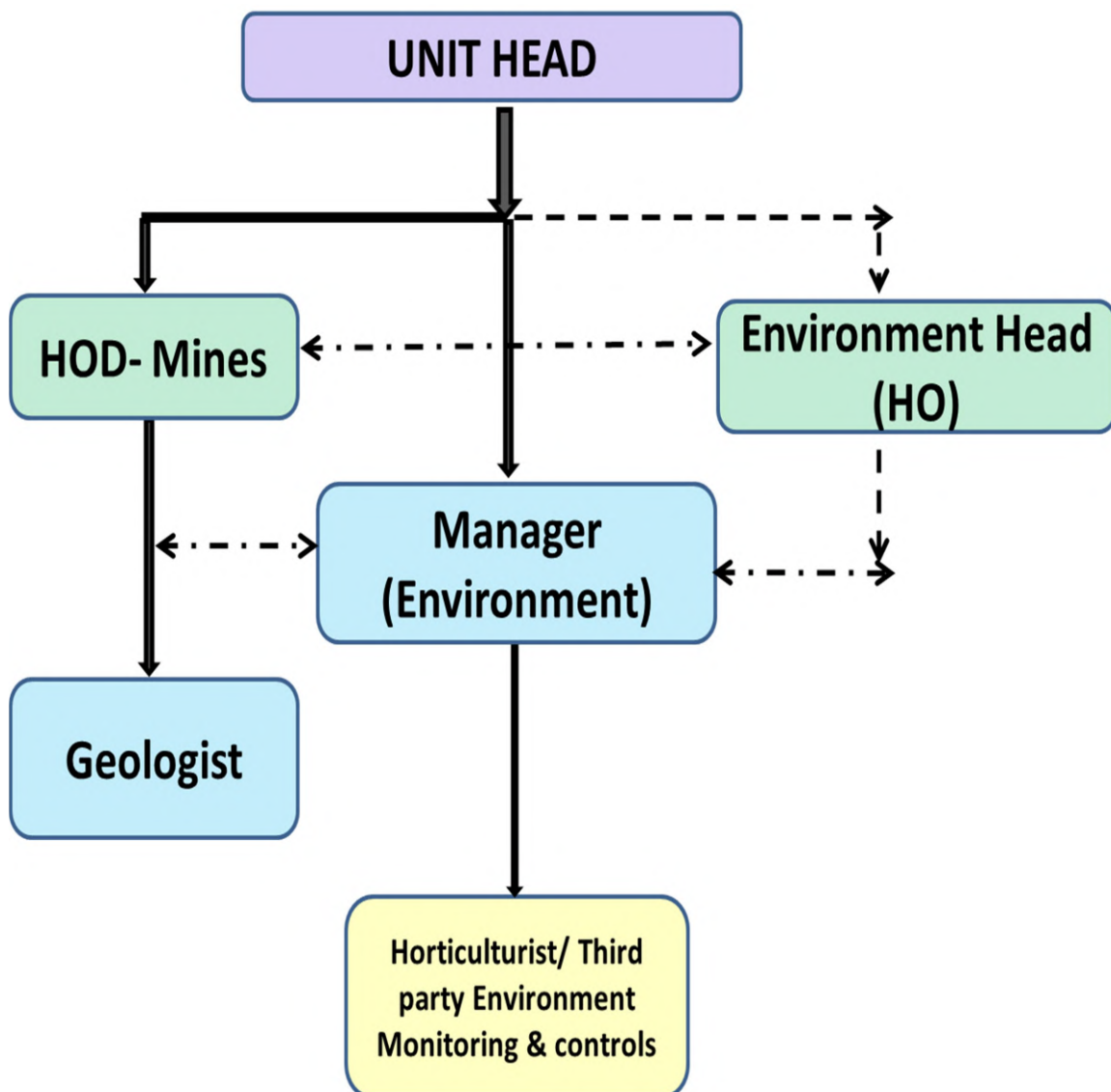
Hyderabad Waste Management Project
(A Division of Re Sustainability Limited)
 Site Address:
 TSDF at: Survey No. 684/1,
 Dundigal - Gandimaisamma Municipality,
 Medchal - Malkajgiri Dist. - 500 043,
 Telangana, India.

End of the Report
Re Sustainability Limited
(Formerly known as Ramky Enviro Engineers Limited)
 Registered Office:
 Level 118, Aurobindo Galaxy,
 Hyderabad Knowledge City,
 Hitech City Road, Hyderabad-500 081, India.
 CIN No. U74140TG1994PLC018833

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 E: mbd_hwmp@resustainability.com
 laboratoryhwmp@resustainability.com
resustainability.com

Details of Safety measures & trainings being implemented



Organizational Structure for Environmental Management

Expenses towards Environmental Management Activities

Sl. No	Activity	Capital cost (In Lakhs)	Recurring Cost /Annum (In Lakhs)
1	Mobile Water Sprinkling -20KL Capacity	40	21.5
2	Provision of permanent water sprinkling system along the main haul road-1.6Km	20	10
3	Green belt and Plantation (1500 No's)	1.75	13
4	Surface Runoff Management structures – Garland drain, settling pond	--	15
5	Exp. for Soil shifting & Levelling by use of HEMM & Dozer for plantation area preparation.	--	12
6	Provision of EC condition display board in the mine entrance	0.5	--
7	Safety gadgets procurement & health check up	5	5
8	Conducting Environmental awareness programme	--	0.5
9	Monitoring of Environmental quality	--	3.5
10	Adopting controlled blasting technology using Nonel & electronic Detonators	--	20
11	Purchase of Micro mate for Regular Monitoring of Ground vibrations and Noise in every Blast.	7	2.5
12	Provision of Wash Ramp facility & Soak pits for washing of all HEMM	20	5
13	Provision of net enabled CCTV cameras at mine workings	10	2
14	Remuneration for statutory persons	-	20
	Total	104.25	130

Submission of Environmental Statement (Form-V) Report for FY 2024-25

 **Chettinad**
cement
Pedagarlapadu Project

CCCPL/DACHEPALLI/ENV/2025
27th September, 2025

The Environmental Engineer,
Andhra Pradesh Pollution Control Board,
Regional Office, D. No: 135-43, 1st Floor,
Lucky Complex, JKC College Road,
GUNTUR – 522007 (Andhra Pradesh)

Sub: Submission of Environmental Statement (Form-V) under Rule No.14 of E (P) Rules, 1986 & amendments thereof for our 5.0 MTPA Limestone Mine located at Pedagarlapadu (V), Dachepalli (M), Guntur District, Andhra Pradesh for the period of 2024-25 - Reg.

Ref: 1. CFO No. APPCB/VJA/NLR/161/CTO/HO/2024 Dated 30/03/2024.
2. EC F.N. J-11015/152/2013-IA.II (M) Dated 21st December, 2015.

Dear Sir,

Reference with the Consent Order and Environmental Clearance cited above, we are herewith submitting Environmental Statement (Form-V) under Rule No.14 of E (P) Rules, 1986 & amendments thereof for our 5.0 MTPA Limestone Mine located at Pedagarlapadu (V), Dachepalli (M), Guntur District, Andhra Pradesh for the period of 2024-25.

This is for your information & records please.

Thanking you,

Yours faithfully,
For Chettinad Cement Corporation Private Limited


Seetharamulu Ch
Joint President (Works)

Copy: Inspector General of Forests,
Integrated Regional Office (IRO), Vijayawada Green House Complex,
Vijayawada – 520010, Andhra Pradesh – Soft copy through e-mail.

Chettinad Cement Corporation Private Limited
Pedagarlapadu (Village), Dachepalli Mandal,
Guntur District, Andhra Pradesh - 522 437
GSTIN : 37AAACC3130A1Z

E : pedagarlapadu@chettinadcement.com
www.chettinadcement.com

Chettinad Cement Corporation Private Limited
Regd. Office : 4th Floor, Chettinad Towers, 603,
Anna Salai, Chennai - 600 006
CIN : U93090TN1962PLC004947

Newspaper clippings of EC approval