

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 270th State Expert Appraisal Committee (SEAC) held on 6th May 2022 (Friday) at SEIAA Conference Hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for Appraisal of Building and Construction Projects, Townships and Area Development Projects & Mining projects through online and offline mode.

Agenda No: 270-01

(File No: 8094/2020)

Proposed Rough stone quarry project over an extent of 1.26.5Ha in S.F.Nos. 98A (Part) Pit – 3 of 10 at Muthur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu by Thiru. R. Rathinasamy- For Environmental Clearance.

(SIA/TN/MIN/58656/2020 dated: 26.01.2022)

The SEAC noted the following:

1. The project proponent, Thiru. R. Rathinasamy has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 1.26.5ha at S.F.Nos. 98A (Part) Pit – 3 of 10, Muthur Village, Kinathukadavu Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan, the lease period is for 5 years, the total quantity of recoverable should not exceed 2,73,811 cu.m of rough stone with an ultimate depth of mining is 40m (10m Above ground level +30m below ground level) and the annual peak production as per mining plan is 66,156 cu.m of rough stone.
4. ToR issued vide - Lr No - SEIAA-TN/F.No.8094/SEAC/ToR-913/2020 Dated: 16.03.2021.
5. Public hearing was conducted on Dated 07.10.2021.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

subject to the standard conditions as per the Annexure of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the provisions stipulated in the MMR 1961, the Proponent (PP) shall ensure that the blasting operation involves the charging of holes with explosives and the firing of the same, shall be carried out under the personal supervision of the Blaster/Mine Mate/Mine Foreman who is directly employed by the PP. The proponent shall not depute any other contractual person/shot firer who is not the employee of the quarry for carrying out the aforesaid blasting operation.
3. Based on the presentation by the PP, it has been observed that the habitation including a school is located at a distance of 800 m from the proposed quarry. Hence the PP shall implement only the controlled blasting using NONEL shock tube detonators involving the execution of 'Line drilling' behind every blast which is directing towards the habitation and the 'muffle blasting' involving the usage of old belt conveyors, old truck tyres etc, for covering the shots such that the flyrock is not produced beyond 10 m from the blast.
4. The Proponent shall observe that the blasting operation is carried out only during the time with knowledge of the school Headmaster when the school children are safely sheltered in the classrooms and not moving outside the premises of the school, which needs to be ensured by keeping a sentry/guard whenever the blasts are conducted.
5. The PP shall prepare a comprehensive traffic plan for the transportation of their loaded trucks such that it is not disturbing the existing village/habitation.
6. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP as committed.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC -TN

7. As accepted by the Project Proponent the CER cost is Rs. 5 lakhs and the amount shall be spent the following activities for Panchayath Union Primary Middle School, Kinathukadavu Village, Coimbatore District before obtaining CTO from TNPCB.

Sl. No.	Description
1	Painting compound wall with environment awareness slogans.
2	Construction of water tank.
3	Renovation of School Roofing.
4	Providing Environmental related books to the school library.
5	Carrying out avenue plantation and gardening school classrooms entrance.

Agenda No: 270-02

(File No: 8139/2020)

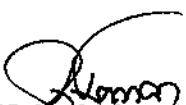
Proposed Rough Stone quarry lease over an extent of 1.00.0 Ha at S.F.Nos. 328/2 (Block-4), Kalpadi (North) Village, Perambalur Taluk, Perambalur District, Tamil Nadu by Thiru.K.Gunasekaran- For Environmental clearance.

(SIA/TN/MIN/187836/2020 dated 14.12.2020)

The proposal was placed for appraisal in 194th meeting of SEAC held on 18.01.2021. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, Thiru. K.Gunasekaran has applied seeking Environmental Clearance for the Proposed Rough Stone quarry lease over an extent of 1.00.0 Ha at S.F.Nos. 328/2 (Block-4), Kalpadi (North) Village, Perambalur Taluk, Perambalur District, TamilNadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification,2006.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

3. As per mining plan, the the lease period is for 5 years, the total quantity of recoverable should not exceed 1,50,240 cu.m of rough stone with an ultimate depth of mining is 40m (15m Above ground level + 25m below ground level), and the annual peak production is 34,200cu.m of rough stone .

The Committee after detailed discussions, instructed the proponent to comply with the provisions given under MoEF&CC Notification dated 15th January 2016
Appendix- XI:

"7. Form IM, Pre-Feasibility Report and mine plan for Category 'B2' projects for mining of minor minerals shall be prepared by the Registered Qualified Person or Accredited Consultants of Quality Council of India, National Accreditation Board for Education and Training. The Environment Impact Assessment or Environment Management Plan for Category 'A' and Category 'B1' projects shall be prepared by the accredited consultants of Quality Council of India, National Accreditation Board for Education and Training"

On receipt of the above reports, SEAC would further deliberate on this project and decide the further course of action.

The project proponent has furnished the reply vide letter dated 01.03.2022.

Now, the proposal placed for appraisal in this 270th meeting of SEAC held on 06.05.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the standard conditions as per the Annexure of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.

2. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
3. As accepted by the Project Proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities for Government Higher Secondary School, Kavulpalayam, Perambalur Taluk before obtaining CTO from TNPCB.

Sl. No.	Description
1	Renovating toilets with running water facility.
2	Incinerator for disposal of napkin in girl's toilet.
3	Environmental awareness sign boards and books on environment to school library.
4	Carrying out tree plantation in and around the school.

Agenda No: 270-03

(File No: 8144/2020)

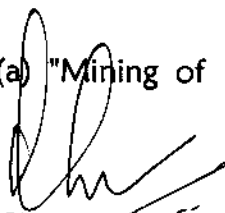
Proposed Rough stone quarry project over an extent of 1.00.0 Ha in S.F.No. 1/4(Part-39) at Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu by M/s Blue Rock Crusher- For Environmental Clearance.

(SIA/TN/MIN/58630/2020 dated: 26.01.2022)

The SEAC noted the following:

1. The project proponent, M/s Blue Rock Crusher has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 1.00.0 ha at S.F.No. 1/4(Part-39) of Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Mineral Projects" of the Schedule to the EIA Notification, 2006.

3. ToR issued vide - Lr No - SEIAA- TN/F.No./8144/SEAC/TOR-927/2020 Dated 16/04/2021.
4. Public hearing conducted on Dated 21.10.2021.

Based on the presentation and documents furnished by the project proponent, SEAC noted that in G.O(MS) No. 295 dated 03.11.2021 the Government in Industries Department has notified the following Rules specifying certain conditions for permitting mining activities near ecologically sensitive areas.

"...No quarrying or mining or crushing activities shall be carried out within one kilometer radial distance or the protective distance as notified by the Ministry of Environment, Forest and Climate Change, Government of India from time to time, whichever is more, from the boundaries of ecologically sensitive areas, environmentally and ecologically sensitive protected areas such as the National parks, Wild life Sanctuaries, Tiger Reserves, Elephant corridors and Reserve Forests".

The Committee noted that the Bagaveli Reserve Forest is located at a distance of less than 1.0km from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, decided not to recommend the proposal.

Agenda No: 270-04

(File No: 8168/2020)

Proposed Rough stone and Gravel quarry project over an extent of 2.85.0Ha in S.F.Nos. 112/10A, 112/10B, 112/10C, 112/10D, 112/10E, 112/11, 112/8A and 112/9 at Ulagani Village, Kallikudi Taluk, Madurai District, Tamil Nadu by Tmt. J. Selvi- For Environmental Clearance.

(SIA/TN/MIN/58460/2020 dated: 22.09.2021)

The SEAC noted the following:

1. The project proponent, Tmt. J. Selvi has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 2.85.0ha at S.F.Nos. 112/10A, 112/10B, 112/10C, 112/10D, 112/10E, 112/11, 112/8A and


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC -TN

112/9 of Ulagani Village, Kallikudi Taluk, Madurai District, Tamil Nadu.

2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide - Lr No -SEIAA-TN/F.No.8168/SEAC/ToR-856/2020, Dated: 25.02.2021.
4. Public hearing was conducted on Dated 05.10.2021.

Based on the presentation and document furnished by the project proponent, SEAC decided to ask for the following additional details from the PP.

- (i) The project proponent shall submit a revised mining plan providing a minimum 10m width road for accessing the poramboke land/mine located right in the middle of the proposed site.
- (ii) The project proponent shall furnish documentary evidence from the concerned District Forest Officer showing the distance between the nearest Sivarakottai Birds Sanctuary R.F and the proposed quarry site.
- (iii) The project proponent shall revise EMP including the cost of clearing the mining dumps blocking the Kundar River which is close to the proposed site.

Agenda No: 270-05

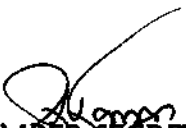
(File No: 8174/2020)

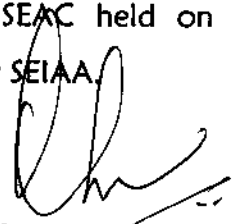
Proposed Multi colour Granite quarry lease over an extent of 1.00.0Ha at S.F.Nos. 97/1(Part) & 97/3A(Part) of Sandhaiyur Village, Sattur Taluk, Virudhunagar District, Tamil Nadu by M/s. Siva Jeyam Granites - For Environmental Clearance.

(SIA/TN/MIN/188239/2020, dated: 16.12.2020).

The proposal was placed in 205th SEAC Meeting held on 03.03.2021, 223rd SEAC meeting held on 30.07.2021, 459th Authority held on 9.9.2021. The details of the minutes are given in the website (www.parivesh.nic.in).

The proposal was again placed for appraisal in 241st meeting of SEAC held on 03.11.2021. The SEAC has noted the remarks & decision of refer back by SEIAA.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

SEAC noted that the proponent has sought environmental clearance for mining for the 5 years of proposed production states that the total quantity of 40% recoverable as 24346 cu.m of Multi Colour Granite & 280 cu.m of topsoil and ultimate depth of mining upto 56m.

Further, in the checklist furnished by SEIAA it was noted that it was mentioned as roughstone and topsoil which was carried over inadvertently and mentioned as "total quantity of recoverable as 24346cu.m of Rough Stone and 280cu.m of topsoil and the ultimate depth of mining is 41m".

Also noted that in the approved scheme of mining letter issued by the Director, Geology and Mining Guindy, Chennai, vide Rc.No.4796/MM2/2020 Dated: 22.10.2020 the approved scheme of mining period is from 29.12.2020 to 20.12.2023 for the production of 14550 cu.m of Multi colour Granite subject to the conditions indicated in the letter.

During SEAC presentation the EIA co-ordinator has also presented the production for 5 years of 40% recoverable multi color granite is 24,346 cu.m.

But there is an anomaly in the AD letter Dt:22.10.2020 stating the production of 14550 cu.m of Multi colour Granite subject to the conditions stated therein.

In view of the above, SEAC after detailed deliberation has decided that SEIAA shall obtain clarification from AD/DD, Dept. Of Geology & Mining and on receipt of aforesaid clarification from AD/DD, Dept. Of Geology & Mining, SEAC would further deliberate on this proposal in one of the forthcoming meetings and to take further course of necessary action.

The project proponent has furnished the reply vide letter dated 7.2.2022.

The project proponent has now obtained clarification letter from Assistant Director


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC -TN

vide Rc.No.KV1/7005/2018 dated 04.2.2022.


Now, the proposal was placed for appraisal in this 270th meeting of SEAC held on 06.05.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

The SEAC noted the following:

1. The project proponent. M/s. Siva Jeyam Granites has applied for Environmental Clearance for the proposed Multi colour granite quarry lease over an extent of 1.00.0Ha at S.F.Nos. 97/1(P) & 97/3A(P) of Sandhaiyur Village, Sattur Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Project" of the Schedule to the EIA Notification. 2006.
3. As per mining plan, the the lease period is for 20 years, total quantity of recoverable should not exceed 14,550cu.m of RoM of multi-coloured granite with an ultimate depth of mining is 41m, and the annual peak production as per is 4,996cu.m of multi-coloured granite.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP as committed.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

3. As accepted by the Project Proponent the revised CER cost is Rs. 10 lakhs and the amount shall be spent for the following activities for Government higher secondary school, Naduvapatti, Sathur before obtaining CTO from TNPCB.

Sl. No.	Description
1	Renovation work of 4 classrooms.
2	Renovation of compound wall and terracotta painting of School compound walls.
3	Renovation of existing toilets.
4	Providing Sanitary incinerator in girl's toilet.
5	Carrying out tree plantation in and around the school.
6	Tree plantation in the meikkal poramboke land after consultation with panchayat authorities.
7	Providing environment related books to the School library.
8	Supporting poor students financially through PTA.
9	Providing Sports equipment and RO Water unit to the school.

4. The proponent shall mandatorily appoint the statutory Mines Manager and the Mining Engineer in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Granite Conservation & Development Rules, 1999 respectively.
5. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
6. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.


MEMBER SECRETARY
SEAC -TN



CHAIRMAN
SEAC- TN

7. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of Granite, waste, over burden, side burden and top soil etc. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, dump management, dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
8. The Proponent shall ensure that the overburden, waste rock and non-saleable granite generated during prospecting or mining operations of the granite quarry shall be stored separately in properly formed dumps on grounds earmarked. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps. Such dumps shall be properly secured to prevent the escape of material in harmful quantities which may cause degradation of the surrounding land or silting of water courses.
9. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
10. The Proponent shall ensure that the noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
11. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

12. The purpose of green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
13. Taller/one year old saplings raised in appropriate size of bags (preferably eco-friendly bags) should be planted as per the advice of local forest authorities/botanist/horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
14. Noise and Vibration Related: (i) The Proponent shall carry out only the Controlled Blasting operation using the detonating cord/fuse of low grammage PETN (or) Gun powder (or) safety fuse for the extraction of the granite blocks in the quarry. However, the proponent shall use NONEL based shock tube initiation system only while carrying out the controlled blasting operations for the excavation of overburden and side burden even though no habitations (or) forest exists around the proposed site. The proponent shall not carry out any blasting operation involving the initiation system such as detonating cord safety fuse, ordinary detonators, cord relays, in the blasting operation carried out for the excavation of overburden and side burden. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of granite boulders shall be carried out in any occasions and only other suitable non-explosive techniques involving chemical agents shall be adopted if such secondary breakage is required. The Project Proponent shall provide required number of the security sentries for


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate 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, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.

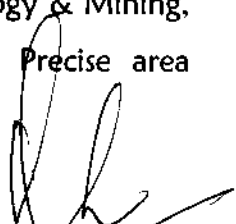
15. The proponent shall undertake in a phased manner restoration, reclamation and rehabilitation of lands affected by the quarrying operations and shall complete this work before the conclusion of such operations and the abandonment of the granite quarry as assured in the Environmental Management Plan & the approved Mine Closure Plan.
16. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
17. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50 m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
18. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
19. The proponent shall ensure that the transportation of the quarried granite stones shall not cause any hindrance to the Village people/Existing Village Road and shall take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried granite stones; and transport of granite stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

20. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
21. The Project Proponent shall take all possible precautions for the protection of environment and control of pollution while carrying out the mining or processing of granite in the area for which such licence or lease is granted, as per
22. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
23. The project proponent shall ensure that the provisions of the MMDR Act, 1957, the Granite Conservation and Development Rules 1999, the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
24. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD (Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
25. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project Proponent liable for legal action in accordance with Environment and Mining Laws.
26. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
27. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

communication letter issued by concerned District Collector should be strictly followed.

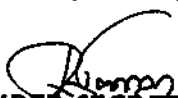
28. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).
29. The Project Proponent shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. The Project Proponent shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines (IBM) from time to time.
30. That the grant of this E.C. is issued from the environmental angle only and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the project proponent.
31. The mining lease holders shall, after ceasing mining operations, undertake re-grassing 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.

Agenda No: 270-06

(File No: 8175/2020)

Proposed Rough stone quarry project over an extent of 1.00.0 Ha in S.F.No. 1/4(Part-36) at Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu by Thiru. A Maria William- For Environmental Clearance.

(SIA/TN/MIN/58586/2020 dated: 17.02.2022)


MEMBER SECRETARY
SEAC - TN

15


CHAIRMAN
SEAC - TN

The SEAC noted the following:

1. The project proponent, Thiru. A Maria Williamhas applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 1.00.0 ha at S.F.No. 1/4(Part-36) of Anandalai Village, Walajah Taluk, Vellore District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. ToR issued vide - Lr No. SEIAA- TN/F.No./8175/SEAC/TOR-924/2020 Dated 16/04/2021.
4. Public hearing was conducted on Dated 21.10.2021.

Based on the presentation and documents furnished by the project proponent, SEAC noted that in G.O(MS) No. 295 dated 03.11.2021 the Government in Industries Department has notified the following Rules specifying certain conditions for permitting mining activities near ecologically sensitive areas.

"...No quarrying or mining or crushing activities shall be carried out within one kilometer radial distance or the protective distance as notified by the Ministry of Environment, Forest and Climate Change, Government of India from time to time, whichever is more, from the boundaries of ecologically sensitive areas, environmentally and ecologically sensitive protected areas such as the National parks, Wild life Sanctuaries, Tiger Reserves, Elephant corridors and Reserve Forests".

The Committee noted that the Bagaveli Reserve Forest is located at less than 1.0km from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, decided not to recommend the proposal.

Agenda No: 270-07

(File No: 8211/2021)

Proposed Red Soil quarry lease over an extent of 1.52.0Ha at S.F.Nos. 228/1 of Iruveli Village, Kadaladi Taluk, Ramanathapuram District, Tamil Nadu by Thiru.T.Selvalingam - For Environmental Clearance


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

(SIA/TN/MIN/191179/2021, dated: 04.01.2021)

The proposal was placed for appraisal in 232th meeting of SEAC held on 15.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.T.Selvalingam, has applied for Environmental Clearance for the proposed Red Soil quarry lease over an extent of 1.52.0Ha at S.F.Nos. 228/1 of Iruveli Village, Kadaladi Taluk, Ramanathapuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

Based on the documents furnished and presentation made by the Proponent, the SEAC noted that there is an uncertainty of mining mineral in the proposed mining site whether it is Red Earth or Gravel.

After detailed discussion the committee noted the recent verdict of the Hon'ble Madurai Bench of Madras High Court order in WP (MD) No 20903 of 2016 in its order dated 12/02/2021 has ordered the following.


- i. *There shall not be any grant of quarry lease without ascertaining the composition/component of the minerals and without obtaining a report from authorized lab. The Department of Geology and Mining shall establish a lab on its own or shall authorize any lab in this regard.*
- ii. *There shall not be any quarry operation in the name of colloquial terms/local terms and any lease shall be in accordance with minerals notified under Section 3 of the MMDR Act.*
- iii. *A High Level committee has to be constituted, consisting of Geologists and Experts in the said field and eminent Officers from WRO, PWD, to*


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

conduct a detailed study/ survey on the possibility or the availability of the rivers and on the adjacent patta lands to the rivers and those places, where sand is available, have to be notified and declared as protected zones and there cannot be any quarry operation other than by the Government, in those notified areas.

- iv. The Department of Geology and Mining, shall furnish the details of all the savudu quarries granted so far, in the State of TamilNadu, to this Court, within a period of eight weeks from the date of receipt of a copy of this order.*
- v. The details of all the savudu quarries shall also be furnished to the High Level Committee and the High Level Committee shall inspect those quarries to ascertain the availability of sand in those quarries. In the event of the High Level Committee ascertaining the availability of sand in the quarries, the same shall be reported to the Commissioner of Geology and Mining, marking a copy to this Court and the Commissioner shall take necessary action as against the officials, who have granted quarry permits without ascertaining the composition of minerals.*
- vi. Any quarry operations shall be permitted only by way of lease agreement, as per Article 299 (1) of the Constitution of India.*
- vii. The Government shall either adopt the Mineral Conservation Rules, 2017, framed by the Central Government or frame a separate Rule, as directed by the Hon'ble Supreme Court in Deepa Kumar's case, within a period of six months from the date of receipt of a copy of this order.*
- viii. Whenever, SEIAA clearance is required, it shall be done only after physical inspection by deputing an officer attached to SEIAA and depending upon the report, further proceedings may take place in accordance with law and there must be a mechanism to ensure the conditions of SEIAA are strictly complied with.*


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

In view of the above, SEAC directs the proponent to furnish clarification from AD, Geology & Mining whether it is red soil or any other (sand) based on the report on the composition of minerals for entire depth of mining issued by the laboratory established under department of Geology and Mining or laboratory authorized by department of Geology and Mining as per the above Court verdict pronounced.

However, As per G.O. Ms. No.213, Industries (MMC.1), Dt: 03.09.2021 & as per Tamilnadu Government Gazette notification by Industries Department Dt: 03.09.2021 (Amendments to the Tamil Nadu Minor Mineral Concession Rules, 1959 States the following,

“44. Removal of earth for betterment of agricultural lands (1) Notwithstanding anything contained in rule 18 and sub-rule (2) of rule 19, extraction or removal of earth in ryotwari lands manually for improvement of agricultural lands or lands that are not suitable for cultivation purpose, for an optimum depth based on the topographical condition to be specified by the Assistant Director of Geology and Mining or Deputy Director of Geology and Mining, as the case may be, not exceeding one-and-a-half metres shall not be treated as mining activity:

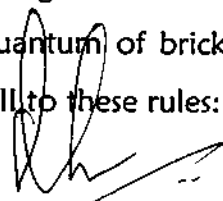
Provided that such extraction of earth shall be carried out under a permit issued for a period not exceeding three months by the District Collector concerned:

Provided further that the soil excavated approximately upto 1 feet depth from the top may be used/replaced for improving the soil structure or fertility of lands where continuous cultivation is under taken for several decades without using organic manures and where soil nutrients got depleted which resulted in lesser yield:

Provided further that the soil extracted or removed beneath one feet depth not exceeding one-and-a-half metres may also be used for brick kilns, bedding material for soils that were disturbed by natural calamities including floods, etc., so that vegetation in those areas can be re-established:

Provided further that if the brick earth removed is transported to a registered brick kiln unit, the permit holder shall pay due seigniorage fee for the quantum of brick earth removed from the permitted area at the rate fixed in Appendix-II to these rules:


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Provided further that the permit holder may use the earth so removed for own consumption, for betterment of his own land or for any other purpose:

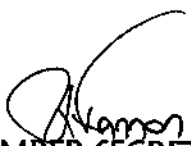
Provided also that the permit holder shall not remove earth after expiry of the permit period.”

Hence, SEIAA shall decide the applicability of the said Govt. Notification dt:03.09.2021. If not applicable for the said activity of the proponent, the SEIAA shall direct the proponent to furnish clarification from AD, Geology & Mining whether it is red soil or any other(sand) based on the report on the composition of minerals for entire depth of mining issued by the laboratory established under department of Geology and Mining or laboratory authorized by department of Geology and Mining as per the above Court verdict pronounced.

The proposal was again placed for appraisal in this 270th meeting of SEAC held on 06.05.2022.

The SEAC noted that, there is no note/communication received from SEIAA regarding the applicability of the said Govt. Notification dt:03.09.2021. Besides it has been noted that the SEIAA vide letter No. SEIAA/TN/F.No.8211/2021 dated 27.10.2021 had already requested AD, Geology & Mining whether it is red soil or any other(sand). However, it has been observed that the SEIAA has sent the file for appraisal without obtaining any reply from the competent authority. Hence the Committee decided that SEIAA shall obtain clarification from AD, Geology & Mining and then forward the matter to SEAC.

On receipt of the above documents, the committee would further deliberate on this project and decide the further course of action.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Agenda No: 270-08

(File No: 8216/2021)

Proposed Rough Stone & Gravel quarry lease area over an extent of 0.97.5Ha at S.F.Nos. 154/1A (P) of Morattupalayam Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu by Thiru.M.Vijayakumar - For Environmental Clearance.

(SIA/TN/MIN/191076/2021,dated: 02.01.2021).

The proposal was placed for appraisal in 232ndmeeting of SEAC held on 15.09.2021.

The details of the project furnished by the proponent are given in the website (parivesh.nic.in).


The SEAC noted the following:

1. The project proponent, Thiru.M.Vijayakumar, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an extent of 0.97.5Ha at S.F.Nos. 154/1A (P) of Morattupalayam Village, Uthukuli Taluk, Tiruppur District,Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation and documents furnished by the project proponent, SEAC noted that there are habitations within the 300m radius of the proposed mine lease area as per Google image and the proponent has not installed the fencing around the boundary of the existing quarry, as per rule 36(4) of Tamil Nadu Minor Mineral Concession Rules, 1959 and no benches are formed in the existing quarry. Hence, SEAC directed the proponent to furnish letter from VAO regarding to 300m radius of the proposed mine lease area considering habitations, institutions, hospitals, religious centre etc and furnish the status of compliance of previous EC conditions from the competent authority.

The project proponent has furnished the reply vide letter dated 7.12.2021.

Now,the proposal was placed for appraisal in this 270thmeeting of SEAC held on


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

06.05.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and document furnished by the project proponent, SEAC noted that the project proponent has neither installed the fencing nor formed the benches and nor developed any green belt in the already mined out quarry site. Hence the committee decided that the project proponent shall first comply with the conditions attached to previous EC and also obtain a letter regarding safety of the mine in the absence of benches from the Department of Mine Safety.

On receipt of the above documents, the committee would further deliberate on this project and decide the further course of action.

Agenda No: 270-09


(File No: 8247/2021)

Proposed Red Earth & Pebbles quarry lease area over an extent of 1.33.5Ha at S.F.Nos. 138/2, (Northern part) Alathur Village, Marakkanam Taluk, Viluppuram District, Tamil Nadu by Thiru.T.K.Kumar - For Environmental Clearance. (SIA/TN/MIN/193032/2021, dated: 14.01.2021).

The proposal was placed for appraisal in 224th meeting of SEAC held on 03.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.T.K.Kumar, has applied for Environmental Clearance for the proposed Red Earth & Pebbles quarry lease area over an extent of Earth & Pebbles quarry lease area over an extent of 1.33.5Ha at S.F.Nos. 138/2 (Northern part), Alathur Village, Marakkanam Taluk, Viluppuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

The EIA Coordinator of this proposed mining site has informed that the proponent is absent for the presentation/appraisal for this SEAC meeting since the proponent is undergoing treatment for covid-19. Therefore EIA coordinator requested the SEAC to grant permission for presentation/appraisal in any one of the forthcoming SEAC meeting. In this regard, SEAC accepted the request of the proponent and SEAC decided to take up for the proposal for appraisal in any one of the forthcoming SEAC meeting after the receipt of intimation of reason for his absence for the meeting from the proponent side.

The proposal was again placed for appraisal in this 270th meeting of SEAC held on 06.05.2022.

The Committee examined the proposal submitted by the proponent in the light of the Judgment issued by the Hon'ble Madurai Bench of Madras High Court in W.P.(MD) Nos.20903 of 2016, 23452, 24495, 17370 and 18035 of 2019 dated 12.02.2021. In this Judgment, the Hon'ble High Court was examining the legality of mining permits or license given by the Government for removal of minor minerals in the name of "Savudu" and other Colloquial terminologies and issued the following directions.

- i. *There shall not be any grant of quarry lease without ascertaining the composition/component of the minerals and without obtaining the report from authorized lab. The Dept of Geology and Mining shall establish a lab on its own or shall authorize any lab in this regard.*
- ii. *There shall not be any quarry operation in the name of colloquial terms/local terms and any lease shall be in accordance with minerals notified under section 3 (e) of the MMDR Act.*
- iii. *A high-level committee has to be constituted, consisting of Geologists and Experts in the said field and eminent Officers from WRO, PWD to conduct a detailed study/survey on the possibility or the availability of the river sand on the adjacent patta lands to the rivers and those places, where sand is available, have to be notified and declared as protected zones and there cannot be any quarry operation other than by the Government, in those notified areas.*


MEMBER SECRETARY
SEAC -TN

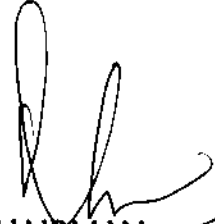

CHAIRMAN
SEAC- TN

- iv. *The Department of Geology and Mining, shall furnish the details of all the Savudu quarries granted so far, in the state of Tamil Nadu, to this court, within a period of eight weeks from the date of receipt of a copy of this order.*
- v. *The details of all the savudu quarries shall also be furnished to the High Level Committee and High Level Committee shall inspect those quarries to ascertain the availability of sand in those quarries. In the event of High Level Committee ascertaining the availability of sand in these quarries, the same shall be reported to the Commissioner of Geology and Mining, marking a copy to this court and the Commissioner shall take necessary action as against the officials, who have granted quarry permits without ascertaining the composition of minerals.*
- vi. *Any quarry operations shall be permitted only by way of lease agreement, as per Article 299(1) of constitution of India.*
- vii. *The Government shall either adopt the Mineral Conservation Rules, 2017, framed by the Central Government or frame a separate Rule, as directed by the Hon'ble Supreme court in Deepak Kumar's case, within a period of six months from the date of receipt of a copy of this order.*
- viii. *Whenever, SEIAA clearance is required, it shall be done only physical inspection by deputing an officer attached to SEIAA and depending upon the report further proceedings may take place in accordance with law and there must be a mechanism to ensure the conditions of SEIAA are strictly complied with.*

Acting on the above Judgment, the Director of Geology and mining, Govt of Tamil Nadu, in his letter No. 7240/MM6/2019 Dt. 30.7.2021, has inter alia, issued the following directions:

- No quarry lease shall be granted in areas where the test results indicate the presence of sand in the composition.
- No quarry lease shall be granted in the patta lands adjoining to the rivers, streams, canals etc.,
- No permission shall be granted for quarrying Gravel, Earth, etc., in patta land for a period less than one year.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

- Lease deed shall be executed in the Form set out in Appendix IV or Appendix V to the Tamil Nadu Minor Mineral Concession Rules 1959.

In the present case, the Committee, therefore directed the proponent to submit the following additional details for further processing the proposal.

1. The composition/component of the minerals proposed to be quarried shall be tested in any of the laboratories authorized by the Dept of Geology & Mining as directed in the above Judgment.
2. The proponent should produce a letter from the Department of Geology and Mining stating that the location of quarry site does not lie adjoining to the rivers, streams, canals etc., and does not come under any notified/declared protected zones in terms of the above Judgment.

On receipt of the above documents, the committee would further deliberate on this project and decide the further course of action.

Agenda No: 270-10

(File No: 8312/2021)

Proposed Rough stone and Gravel quarry project over an extent of 2.02.3Ha in S.F.Nos. 176/1A, 176/5A, 176/6A at MarapparaiVillage& 316/2B2 at ParuthipalliVillage ,TiruchengodeTaluk, NamakkalDistrict, Tamil Nadu by Thiru.S.Rangasamy- For Environmental Clearance.

(SIA/TN/MIN/72201/2021dated: 12.02.2022)

The SEAC noted the following:

1. The project proponent, Thiru.S.Rangasamyhas applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 2.02.3ha at S.F.Nos. 176/1A, 176/5A, 176/6A ofMarapparaiVillage& 316/2B2 ParuthipalliVillage,TiruchengodeTaluk, NamakkalDistrict, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

3. ToR issued vide - Lr No. SEIAA-TN/F.No.8312/SEAC/TOR-962/2021 Dated 30.04.2021.
4. Public hearing was conducted on Dated 21.10.2021.

Based on the presentation and documents furnished by the project proponent, SEAC noted that, there are some houses located near the project site and the same has been raised during public hearing and hence SEAC decided to conduct an on-the-spot site-inspection by the sub-committee members to verify the facts. On receipt of the inspection report, SEAC would further deliberate on the project and decide the further course of action.

Agenda No: 270-11


(File No: 8349/2021)

Proposed Rough stone and Gravel quarry project over an extent of 1.23.0 Ha in S.F.No. 91/1AatKarunchamigoundenpalayamVillage ,MadhukaraiTaluk, CoimbatoreDistrict, Tamil Nadu by Thiru. P. Varadharaj- For Environmental Clearance.

(SIA/TN/MIN/60829/2021 dated: 01.03.2022)

The SEAC noted the following:

1. The project proponent, Thiru. P. Varadharajhas applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 1.23.0ha at S.F.No. 91/1Aof KarunchamigoundenpalayamVillage ,MadhukaraiTaluk, CoimbatoreDistrict, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 5 years. The production for the five years states that the total quantity of recoverable should not exceed 98,270cu.m of Rough stone and14,110cu.m of Gravel with an ultimate depth of mining is 22m below ground level. The Annual peak production as per mining plan is 26,980cu.m of rough stone and 7,304cu.m of gravel.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

4. ToR issued vide Letter No. SEIAA-TN/F. No. 8349/SEAC/ToR-971/2021 Dated: 05.07.2021.
5. Public hearing was conducted on dated 19.11.2021.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the standard conditions as per the Annexure of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the provisions stipulated in the MMR 1961, the Proponent (PP) shall ensure that the blasting operation involves the charging of holes with explosives and the firing of the same, shall be carried out under the personal supervision of the Blaster/Mine Mate/Mine Foreman who is directly employed by the PP. The proponent shall not depute any other contractual person/shot firer who is not the employee of the quarry for carrying out the aforesaid blasting operation.
3. The PP shall implement only the controlled blasting using NONEL shock tube detonators involving the execution of 'Line drilling' behind every blast which is directing towards the habitation and the 'muffle blasting' involving the usage of old belt conveyors, old truck tyres, etc for covering the shots such that the flyrock is not produced beyond 10 m from the blast.
4. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
5. As accepted by the Project Proponent the CER cost is Rs. 3 lakhs and the amount shall be spent for the following activities for Panchayat Union Primary school, Kumarapalayam before obtaining CTO from TNPCB.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Sl. No.	Description
1	Provision of solar powered smart class and improvement to school infrastructure.
2	Books to school library including books on environment.
3	Greenbelt facilities and basic amenities such as safe drinking water.
4	Hygienic Toilets facilities.

Agenda No: 270-12

(File No: 8414/2021)

Proposed Rough stone and Gravel quarry project over an extent of 4.30.0Ha in S.F.Nos 134/15A, 134/15B, 134/17, 134/18, 134/19, 136/1, 136/2, 136/3A, 136/3B, 136/3C, 136/4, 136/5, 136/6, 136/7, 136/8, 136/9, 136/10, 143/1A, 143/1B, 143/1C, 143/1D, 143/2, 143/3, 143/4, 143/5, 143/6, 143/7A, 143/7B, 143/8, 143/10, 143/11, 144/2, 144/3, 144/4 and 144/5 at Menallur Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu by Thiru.T.Ponnambalam- For Environmental Clearance.

(SIA/TN/MIN/72502/2021 dated: 23.02.2021)

The SEAC noted the following:

1. The project proponent, Thiru.T.Ponnambalam has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 4.30.0ha at S.F.Nos. 134/15A, 134/15B, 134/17, 134/18, 134/19, 136/1, 136/2, 136/3A, 136/3B, 136/3C, 136/4, 136/5, 136/6, 136/7, 136/8, 136/9, 136/10, 143/1A, 143/1B, 143/1C, 143/1D, 143/2, 143/3, 143/4, 143/5, 143/6, 143/7A, 143/7B, 143/8, 143/10, 143/11, 144/2, 144/3, 144/4 and 144/5 of Menallur Village, Vembakkam Taluk, Tiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the lease period is for 5 years. The production for the five years states that the total quantity of recoverable should not exceed


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

3,54,815 cu.m of Rough stone, 58,886cu.m of Gravel and 28,385 cu.m of weathered rock with an ultimate depth of mining is 18m below ground level. The Annual peak production as per mining plan is 86,460cu.m of rough stone and 36,738cu.m of gravel.

4. ToR issued vide - Lr No. SEIAA-TN/F.No.8414/SEAC/ToR-976/2021, Dated: 05.07.2021.
5. Public hearing was conducted on dated 06.11.2021.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the standard conditions as per the Annexure of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the provisions stipulated in the MMR 1961, the Proponent (PP) shall ensure that the blasting operation involves the charging of holes with explosives and the firing of the same, shall be carried out under the personal supervision of the Blaster/Mine Mate/Mine Foreman who is directly employed by the PP. The proponent shall not depute any other contractual person/shot firer who is not the employee of the quarry for carrying out the aforesaid blasting operation.
3. The PP shall implement only the controlled blasting using NONEL shock tube detonators involving the execution of 'Line drilling' behind every blast which is directing towards the habitation and the 'muffle blasting' involving the usage of old belt conveyors, old truck tyres, etc for covering the shots such that the flyrock is not produced beyond 10 m from the blast.
4. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

5. As accepted by the Project Proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities for Government Higher Secondary School, Menallur before obtaining CTO from TNPCB.

Sl. No	Description
1	Library infrastructure facilities, including supply of books.
2	Improvement to toilets including running water.
3	Tree planting in and around the school.

Agenda No: 270-13

(File No: 8416/2021)

Proposed Gravel quarry lease area over an extent of 3.15.5Ha at S.F.Nos.330/4, 330/5, 330/6 & 331/5 of Athur Village, Arakkonam Taluk, Ranipet District, Tamil Nadu by Thiru.R.Arun- For Environmental Clearance.

(SIA/TN/MIN/201126/2021,dated:02.03.2021).

The proposal was placed for appraisal in 228th meeting of SEAC held on 24.08.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.R.Arun, has applied for Environmental Clearance for the proposed Gravel quarry lease area over an extent of 3.15.5Ha at S.F.Nos. 330/4, 330/5, 330/6 & 331/5 of Athur Village, Arakkonam Taluk, Ranipet District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made and the documents furnished by the Project proponent, SEAC decided that the project proponent shall carry out and submit the report on soil analysis including the sieve analysis to the entire depth of 2m from reputed Government institute/Government departments.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC -TN

On receipt of the above documents, the committee would further deliberate on this project and decide the further course of action.


The project proponent has furnished the reply vide letter dated 22.03.2022.

Now, the proposal was placed for appraisal in this 270th meeting of SEAC held on 06.05.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and documents furnished by the project proponent, SEAC noted that,

- i. The Kosathalayar River is located at a distance of 140m southward in terms of the directions issued by the Director of Geology and Mining, Government of Tamil Nadu, in his letter No. 7240/MM6/2019 Dt. 30.7.2021, to his field officers "No quarry lease shall be granted in the patta lands adjoining to the rivers, streams, canals etc".
- ii. Soil analysis report reveals, there is a predominance presence of sand and in terms of the directions issued by the Director of Geology and Mining, Government of Tamil Nadu, in his letter No. 7240/MM6/2019 Dt. 30.7.2021, to his field officers, "no quarry lease shall be granted in areas where the test results indicate the presence of sand in the composition."

Hence SEAC decided not to recommend the proposal for the grant of Environmental Clearance for the above reasons.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Agenda No: 270-14

(File No: 8445/2021)

Proposed Rough stone quarry project over an extent of 1.40.0 Ha in S.F.No. 22/4 (Part) at Marappara Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu by Tmt.B.Mekala- For Environmental Clearance.

(SIA/TN/MIN/61676/2021 dated: 05.03.2022)

The SEAC noted the following:

1. The project proponent, Tmt.B.Mekala has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 1.40.0 ha at S.F.No. 22/4 (Part) of Marappara Village, Tiruchengode Taluk, Namakkal District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the lease period is for 5 years. The production for the five years states that the total quantity of recoverable should not exceed 86650 cu.m of Rough stone with an ultimate depth of mining is 46m (1m Topsoil +45m Rough stone). The Annual peak production as per mining plan is 17840 cu.m of rough stone.
4. ToR issued vide - Lr No. SEIAA-TN.F.No. 8445/SEAC/ToR-999/2021 Dated 28.07.2021.
5. Public hearing was conducted on Dated 21.10.2021.

Based on the presentation and documents furnished by the project proponent, SEAC noted that, there are some houses located near the project site and the same has been raised during public hearing and hence SEAC decided to conduct an on-the-spot site-inspection by the sub-committee members to verify the facts. On receipt of the inspection report, SEAC would further deliberate on the project and decide the further course of action.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Agenda No: 270-15

(File No: 8512/2020)

Proposed Rough stone and Gravel quarry project over an extent of 3.40.5Ha in S.F.Nos. 327/7, 328/1, 328/2 at Chinnamalaikundru Village, Ettaiyapuram Taluk, Thoothukudi District, Tamil Nadu by Thiru.A.Sankaranarayanan@ Sankaran -
For Environmental Clearance.

(SIA/TN/MIN/208416/2021 dated: 08.04.2021)

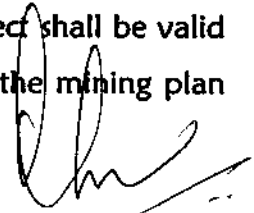
The SEAC noted the following:

1. The project proponent, Thiru.A.Sankaranarayanan@ Sankaran has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 3.40.5ha at S.F.Nos. 327/7, 328/1, 328/2 of Chinnamalaikundru Village, Ettaiyapuram Taluk, Thoothukudi District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 5 years. The production for the five years states that the total quantity of recoverable should not exceed 426785cu.m of Rough stone, 44456cu.m of Gravel and 20,800 cu.m of Weathered rock with an ultimate depth of mining is 43m. The Annual peak production as per mining plan is 85,815cu.m of rough stone, 36,432cu.m of gravel and 17,152cu.m of Weathered rock.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard conditions as per the Annexure of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.

2. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
3. As accepted by the Project Proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities for Government Primary school ,Chinnamalaikundru Village before obtaining CTO from TNPCB.

Sl. No.	Description
1	Repair works to floor & roof of classrooms.
2	Repair and renovation of toilet facilities.
3	Rack for school library and supply of books on environment.
4	Painting work.
5	Planting of trees in and around the school.

Agenda No: 270-16

(File No: 8547/2021)

Proposed Construction of Residential group development at S.F.Nos.101/2A, 1A, 1B, 1C, 1D, 2B, 2C, 3A, 3B, 4B,4A,2D, 3C, 138/2B1, 2A1, 1A,1B,1D, 1C, 2A2A, 2B2 of Mylampatti Village, Suler Taluk, Coimbatore District, Tamil Nadu by M/s. Globuse Realtors Pvt Ltd -For Environmental Clearance.

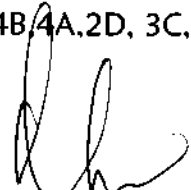
(SIA/TN/MIS/210842/2021,dated: 30.04.2021).

The proposal was placed for appraisal in 233rd meeting of SEAC held on 21.09.2021. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Globuse Realtors Pvt Ltd, has applied for Environmental Clearance for the Proposed Construction of Residential group development at S.F.Nos. 101/2A, 1A, 1B, 1C, 1D, 2B, 2C, 3A, 3B, 4B/4A,2D, 3C,


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

138/2B1, 2A1, 1A,1B,1D, 1C, 2A2A, 2B2 of Mylampatti Village, Suler Taluk, Coimbatore District,Tamil Nadu.

2. The project/activity is covered under Category “B” of Item 8(a) “Building and Construction Projects” of the Schedule to the EIA Notification, 2006.

Since checklist was not received from SEIAA office, the SEAC could not take up this project for appraisal in the 233rd SEAC meeting.

The proposal was again placed for appraisal in 235th meeting of SEAC held on 21.09.2021 after the receipt of checklist.

During the circulation of the minutes one of the SEAC members pointed out the following “on viewing Google Earth of this site, a cluster of buildings with label “Globus” is noted. Hence the concerned Engineer in SEIAA office may verify the fact whether the project comes under expansion or not and revise the checklist and submit the same to SEAC for appraisal”.

The project proponent has furnished the reply vide letter dated 11.02.2022.

Now,the proposal placed for appraisal in this 270thmeeting of SEAC held on 06.05.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the following specific conditions in addition to normal conditions stipulated by MOEF&.CC,


1. The project proponent shall provide sewage treatment plant of 40 KLD capacity and grey water treatment of capacity 65 KLD as committed and shall continuously operate and maintain the same to achieve the standards prescribed by the TNPCB/CPCB.


MEMBER SECRETARY
SEAC -TN



CHAIRMAN
SEAC- TN

2. The project proponent shall achieve GRIHA GOLD National Rating System in environmental performance of the proposed building.
3. The proponent shall provide organic waste convertor plant within project site for bio-degradable waste and shall dispose the non- Biodegradable waste to authorized recyclers.
4. The height of the stacks of DG sets shall be provided as per the CPCB norms.
5. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB before obtaining CTO.
6. The proponent shall utilize the treated water of 72 KLD from the proposed site for flushing, green belt development and OSR gardening and no treated water shall be let out of the premise.
7. The sludge generated from the Sewage Treatment Plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.
8. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
9. The purpose of green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix, in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
10. Taller/one year old saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

11. The unit shall ensure the compliance of land use classification fit for construction.
12. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed.
13. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
14. The project proponent shall allot necessary area for the collection of E-waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.
15. The project proponent shall obtain the necessary authorisation from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of hazardous waste within the premises.
16. No waste of any type to be disposed off in any other way other than the approved one.
17. All the mitigation measures committed by the proponent for the flood management to avoid pollution in air, noise, solid waste disposal, sewage treatment & disposal etc., shall be followed strictly.
18. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines.
19. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
20. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
21. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

22.As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the EMP cost as committed.

23.As accepted by the Project Proponent the CER cost is Rs.25 Lakhs and the amount shall be spent on improvement to the infrastructure facilities in respect of the following tribal schools, after consulting the respective HMs,before obtaining CTO from TNPCB.

Sl. No.	Tribal Schools
1	Government Tribal Residential High School, Anaikatti.
2	Government Tribal High School, Mattathukad.
3	Government Tribal Residential Higher Secondary School, Muttathuvayal.

Agenda No: 270-17

(File No: 8586/2021)

Proposed Rough stone and Gravel quarry project over an extent of 2.73.5Ha in S.F.Nos. 989/1A2 (P) & 989/1B of Punnam Village ,Pugalur Taluk, Karur District, Tamil Nadu by Tvl. Karpaga Vinayaga Blue Metals- For Environmental Clearance.

(SIA/TN/MIN/216308/2021 dated: 22.06.2021)

The SEAC noted the following:

1. The project proponent, Tvl. Karpaga Vinayaga Blue Metals has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease over an extent of 2.73.5ha at S.F.Nos. 989/1A2 (P) & 989/1B of Punnam Village ,Pugalur Taluk, Karur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is for 5 years. The production for the five years states that the total quantity of recoverable should not exceed 2,68,525cu.m of Rough stone with an ultimate depth of mining is 42m (2m


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Gravel + 40m Rough stone)below ground level. The Annual peak production as per mining plan is 63705cu.m of rough stone.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the standard conditions as per the Annexure of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. The project proponent shall furnish certified EC compliance report to TNPCB before obtaining CTO.
3. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
4. As accepted by the Project Proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities for Government Adi Dravidar Welfare High School, Punnam Village before obtaining CTO from TNPCB.

Sl. No.	Description
1	Sanitation and water facilities.
2	Providing environment related books to the school library.
3	Providing Door for Technology Laboratory.
4	Providing furniture desk, tables to classrooms.
5	Tree planting in and around the school.
6	Tree planting in the meikkal poramboke after consultation


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

with panchayat authorities.

Agenda No: 270-18

(File No: 8612/2021)

Proposed Earthquarry project over an extent of 2.54.12Ha in S.F.Nos. 417(Part)of No.82atPammapakkamVillage,Uthukottai WestTaluk, ThiruvallurDistrict, Tamil Nadu by Thiru.M.Rajasekar- For Environmental Clearance.


(SIA/TN/MIN/217623/2021dated:13.11.2021)

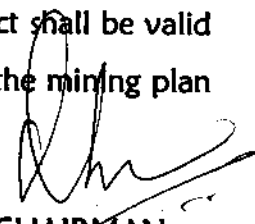
The SEAC noted the following:

1. The project proponent, Thiru.M.Rajasekarhas applied for Environmental Clearance for the proposed Earth quarry lease over an extent of 2.54.12ha at S.F.Nos. 417(Part)of No.82ofPammapakkamVillage, Uthukottai WestTaluk, ThiruvallurDistrict, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the the lease period is in Government land PWD tank and proposed period of mining is for 45 days. The production states that the total quantity of recoverable should not exceed 22,871 cu.m of Earth with an ultimate depth of mining0.9m below ground level.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearancesubject to the standard conditions as per the Annexure of this minutes &normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

- 1.The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.

2. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
3. As accepted by the Project Proponent the CER cost is Rs. 50,000 and the amount shall be spent for the following activities for Government primary School, Panapakkam Village before obtaining CTO from TNPCB.

Sl. No.	Description
1	Tree planting in and around the school.
2	Improvement to school library including supply of books on environment.

Agenda No: 270-19

(File No: 8613/2021)

Proposed construction of new building for the establishment of New Government Hospital at S.F.Nos.250/7, 255/1B, 257/1, 257/2, 257/3, 256/1, 256/2, 256/4, 256/6, 258/1, 263/1, 265/1, 267/1A, 264/1, & 264/2 of Ariyalur South Village, Ariyalur Taluk, Ariyalur District and Tamil Nadu by M/s. Government Medical College and Hospital- For Environmental clearance.

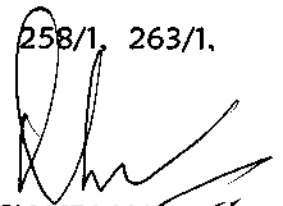
(SIA/TN/MIS/224049/2021, dated: 28.09.2021)

The proposal was placed for appraisal in 238th meeting of SEAC held on 13.10.2021. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Government Medical College and Hospital has applied for Environmental Clearance for the proposed construction of new building for the establishment of New Government Hospital at S.F.Nos.250/7, 255/1B, 257/1, 257/2, 257/3, 256/1, 256/2, 256/4, 256/6, 258/1, 263/1,


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

265/1, 267/1A, 264/1, &264/2 of Ariyalur South Village, Ariyalur Taluk, Ariyalur District and Tamil Nadu.

2. The project/activity is covered under Category "B" of Item 8(a) "Building and Construction Projects" of the Schedule to the EIA Notification, 2006.
3. The total site area of the project is 63,675.64 sq.m and total built up area is 49,946.7 sq.m.

Based on the presentation made and the documents furnished by the project proponent, SEAC after detailed deliberations directed the proponent to furnish the following additional details,

- I) The project proponent shall furnish permission obtained from concerned authority (Ariyalur Municipal Corporation) for the source of supply of fresh water for the proposed project.
- II) The project proponent shall furnish revised water balance considering attenders for proposed In -patients/ Nos. of beds.
- III) The project proponent shall furnish village map of the proposed project site.
- IV) The project proponent shall furnish revised green belt plan excluding OSR area.
- V) The project proponent shall furnish noise mitigation measures including adequate green belt/ barrier to prevent outside noise due to surrounding/background activity & movement of vehicles (local traffic) adhering to the noise level standards for hospitals/silent zone prescribed by CPCB .
- VI) Photographs of Bio-medical waste management if existing within the proposed project premises and storage area earmarked for bio-medical wastes.
- VII) The project proponent shall furnish revised adequate rain water harvesting recharging structures.
- VIII) The storm water management plan may be revised considering the


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

probable maximum rainfall.


- IX) The project proponent shall revise CER in regard sanitation, solar power, smart class facilities, disinfection to nearby schools, periodical maintenance of chettikulampond etc.


The project proponent has furnished the reply vide letter dated 21.03.2022.

Now, the proposal was placed for appraisal in this 270th meeting of SEAC held on 06.05.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.


Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the following specific conditions in addition to normal conditions stipulated by MOEF&CC:

1. The PP shall install MLCP instead of open space car parking and the space released thereby shall be used for additional green belt development.
2. The project proponent shall provide sewage treatment plant of 270 KLD capacity, grey water treatment of capacity 300 KLD and ETP of 130 KLD as committed and shall continuously operate and maintain the same to achieve the standards prescribed by the TNPCB/CPCB.
3. The proponent shall provide organic waste convertor plant within project site for bio-degradable waste and shall dispose the non- Biodegradable waste to authorized recyclers.
4. The height of the stacks of DG sets shall be provided as per the CPCB norms.
5. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB before obtaining CTO.
6. The proponent shall utilize the treated water of 437 KLD from the proposed site for green belt development, avenue plantation maintenance and OSR gardening and no treated water shall be let out of the premise.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

7. The sludge generated from the Sewage Treatment Plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.
8. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
9. The purpose of green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix, in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
10. Taller/one year old saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
11. The unit shall ensure the compliance of land use classification fit for construction.
12. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed.
13. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
14. The project proponent shall obtain the necessary authorisation from TNPCB and strictly follow the Bio medical Waste Management Rules 2016, as amended for disposal of the Bio-medical waste generation within the premise.
15. The project proponent shall allot necessary area for the collection of E-waste and strictly follow the E-Waste Management Rules 2016, as amended for



MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

disposal of the E waste generation within the premise.

16. The project proponent shall obtain the necessary authorisation from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of hazardous waste within the premises.
17. No waste of any type to be disposed of in any other way other than the approved one.
18. All the mitigation measures committed by the proponent for the flood management to avoid pollution in air, noise, solid waste disposal, sewage treatment & disposal etc., shall be followed strictly.
19. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines.
20. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
21. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
22. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
23. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the EMP cost as committed.
24. As accepted by the Project Proponent the CER cost is Rs.230 Lakhs and the amount shall be spent for providing facilities to the schools, namely 1) Government higher secondary School, Ariyalur (2) Government High School, Valajanagaram before obtaining CTO from TNPCB.

1. Government Higher Secondary School, Ariyalur


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC -TN

Sl No	Description
1	Providing compound wall.
2	Improvements to school infrastructure.
3	Development of volley ballcourt.
2. Government High School, Valajanagaram	
1	Improvements to school infrastructure.

Agenda No: 270-20

(File No: 8729/2021)

Proposed Rough stone quarry project over an extent of 1.78.5 Ha in S.F.No. 380/1B at Chintalpadi Village, Pappireddypatti Taluk, Dharmapuri District, Tamil Nadu by Tmt. V.Pushpa- For Environmental Clearance.

(SIA/TN/MIN/225510/2021 dated: 20.08.2021)

The SEAC noted the following:

1. The project proponent, Tmt.V.Pushpa has applied for Environmental Clearance for the proposed Rough stone quarry lease over an extent of 1.78.5 ha at S.F.No. 380/1B of Chintalpadi Village, Pappireddypatti Taluk, Dharmapuri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan the lease period is for 10 years. The production for the five years states that the total quantity of recoverable should not exceed 169502cu.m of Rough stone with an ultimate depth of mining is 20m below ground level. The Annual peak production as per mining plan is 38090cu.m of roughstone.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the standard conditions as per the Annexure of this minutes & normal


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

conditions stipulated by MOEF&CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the provisions stipulated in the MMR 1961, the Proponent (PP) shall ensure that the blasting operation involves the charging of holes with explosives and the firing of the same, shall be carried out under the personal supervision of the Blaster/Mine Mate/Mine Foreman who is directly employed by the PP. The proponent shall not depute any other contractual person/shot firer who is not the employee of the quarry for carrying out the aforesaid blasting operation.
3. The PP shall implement only the controlled blasting using NONEL shock tube detonators involving the execution of 'Line drilling' behind every blast which is directing towards the habitation and the 'muffle blasting' involving the usage of old belt conveyors, old truck tyres, etc for covering the shots such that the flyrock is not produced beyond 10 m from the blast.
4. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
5. As accepted by the Project Proponent the CER cost is Rs. 5.75 Lakhs and the amount shall be spent for the following activities for Panchayat union primary School, Santhapatti and Government higher secondary School, Chintalpad Village before obtaining CTO from TNPCB.

I. Government Higher Secondary School, Chintalpad	
No	Description
1	Boys (4 nos) and girls (4 nos) toilet construction with bioseptic tank (Electrical + plumbing works + water tank – 1000L capacity) +


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

	painting).
2	Environment related library books with rack.
3	Tree plantation in around the school.
2. Government Primary School, Santhambal, S.7	
1	Construction of borewell for providing drinking water, including motor pump and RO purifier.
2	Tree plantation in and around the school.

Agenda No: 270 - TA - 01

(File No: 8013/2021)

Proposed Rough Stone and gravel quarry lease area over an extent of 1.28.41 Ha at S.F.No 507/3A2, 507/3A3, 507/3D2, 507/3B, 507/3C, 507/4, 507/3D1B, 507/3A1A1A(P), 507/3D1C, 507/3A1B, 507/3E, 508/2B6 508/4, Thengappattanam Village, Killioor Taluk, Kanniyakumari District by Thiru.K.P.Ravichandran-ForEnvironmentalClearance.

(SIA/TN/MIN/182815/2020, dated: 10.09.2020)

Earlier, this proposal was placed before 192ndSEAC held on 07.01.2021 and 214thSEAC meeting held on 23.6.2021. The details of the minutes are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.K.P.Ravichandran has applied for Environmental Clearance for the Rough Stone and gravel quarry lease area over an extent of 1.28.41 Ha at S.F.No 507/3A2, 507/3A3, 507/3D2, 507/3B, 507/3C, 507/4, 507/3D1B, 507/3A1A1A(P), 507/3D1C, 507/3A1B, 507/3E, 508/2B6 508/4, Thengappattanam Village, Killioor Taluk, Kanniyakumari District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. Production for 5 years not to exceed 81360 m³ of Rough stone and 14648 m³ of gravel. The Annual


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

peak production as per mining plan is 16515m³ of rough stone (3rd year) and 5488 m³ of gravel (3rd year) with proposed depth of 27m(BGL).

The subject was again placed before 260th meeting of SEAC held on 1.4.2022.

Based on the presentation and documents furnished by the project proponent, SEAC noted that the proposed site lies in fragile Western Ghats area and therefore decided to make site inspection by the sub-committee to be constituted by the SEAC to assess the present status of the proposed project and environmental settings.

The Sub-Committee of SEAC visited the project site on 24.04.2022 (Sunday) to collect the factual information and took photographs of the salient features of the site to get the first-hand information of the site. The Sub-Committee inspection report was placed in this 270th meeting of SEAC held on 06.05.2022 and the observations of the Sub-committee are as follows,

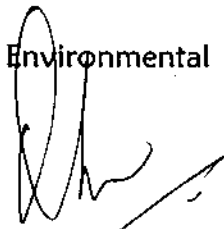
Observations Made by the Sub-Committee:

1. The proposed mine for quarry Rough Stone and Gravel falls within lease area over an Extent of 1.2.41 Ha at S.F. Nos. 507/3A2, 507/3A3, 507/3D2/ 50A/2B6, 507/3B, 507/3C, 507 / 4, 507 / 3D1B, 508 / 4, 507/3A1A1A(P), 507/3D1C, 507/3A1B & 507/3E of Thengappattanam Village, Killoor Taluk, Kanniyakumari District, Tamil Nadu.
2. The proposed mine is a patta land owned by the Proponent and fenced and entry of public is completely prevented.

Recommendations of the Sub committee

The SEAC sub-committee members after visiting the site recommends Environmental Clearance to the proposed mine with the following conditions:


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

1. The abandoned mining in the south west of the proposed mine should be fenced partly.
2. Another abandoned mine situated in the south eastern direction along the road leading to the proposed mine has to be fenced with earth materials.
3. The uprooted plants had to be re-planted around the mining lease area and additional of above 500 trees are to be planted both sides on the way to old quarry and proposed quarry.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the standard conditions as per the Annexure of this minutes & normal conditions stipulated by MOEF&CC, in addition to the following specific conditions:

1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere the EMP as committed.
3. As accepted by the Project Proponent the CER cost is Rs.6 Lakhs and the amount shall be spent for the following activities for Panchayat union School, Thengapattanam Village before obtaining CTO from TNPCB.

Sl.No	Description
1	Tree Plantation along the School Boundary.
2	Installation of Hand Wash Unit & Water Storage Sump.
3	Installation of Speaker Announcement System at school.
4	Re-Furbishing of Electrical Wiring system at 9 Classrooms.
5	Re-construction of existing boy's toilet.
6	Re-construction of existing girl's toilet.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN


ANNEXURE

1. The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961.
2. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before the commencement of the operation and shall furnish the photographs/map showing the same before obtaining the CTO from TNPCB.
3. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
4. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc.. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
5. The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.
6. The proponent shall ensure that the slope of dumps is suitably vegetated in scientific manner with the native species to maintain the slope stability, prevent erosion and surface run off. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

7. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.
8. The Project Proponent shall carry out slope stability study by a reputed academic/research institution such as NIRM, IIT, Anna University for evaluating the safe slope angle if the proposed dump height is more than 30 meters. The slope stability report shall be submitted to concerned Regional office of MoEF&CC, Govt. of India, Chennai as well as SEIAA, Tamilnadu.
9. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
10. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
11. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper escapements as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.


MEMBER SECRETARY
SEAC -TN

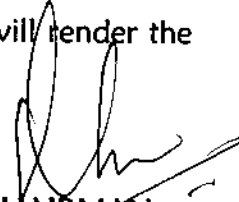

CHAIRMAN
SEAC- TN

13. **Noise and Vibration Related:** (i) The Proponent shall carry out only the Controlled Blasting operation using NONEL shock tube initiation system during daytime. Usage of other initiation systems such as detonating cord/fuse, safety fuse, ordinary detonators, cord relays, should be avoided in the blasting operation. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of boulders shall be carried out in any occasions and only the Rock Breakers (or) other suitable non-explosive techniques shall be adopted if such secondary breakage is required. The Project Proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate 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, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
14. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
15. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
16. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
17. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall

take adequate safety precautionary measures while the vehicles are passing through the schools / hospital. The Project Proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.

18. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
19. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
20. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
21. The Project Proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
22. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamilnadu Minor Mineral Concession Rules 1959 are complied by carrying out the quarrying operations in a skillful, scientific and systematic manner keeping in view proper safety of the labour, structure and the public and public works located in that vicinity of the quarrying area and in a manner to preserve the environment and ecology of the area.
23. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD(Geology and Mining) District Environmental Engineer (TNPCE) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.
24. The Project Proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Project Proponent liable for legal action in accordance with Environment and Mining Laws.

25. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
26. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
27. The mining lease holders shall, after ceasing mining operations, undertake re-grassing 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.
28. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project information as shown in the Appendix –II of this minute.
29. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No.758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Appendix - I

List of Native Trees for Planting

1. *Aegle marmelos* - Vilvam
2. *Adenanthantherapavonina*- Manjadi
3. *Albizia lebbeck* - Vaagai
4. *Albizia amara*- Usil
5. *Bauhinia purpurea* - Mantharai
6. *Bauhinia racemosa* - Aathi
7. *Bauhinia tomentosa* - Iruvathi
8. *Buchananiaaillaris*- Kattuma
9. *Borassus flabellifer* - Panai
10. *Butea monosperma* - Murukkamaram
11. *Bobax ceiba* - Ilavu, Sevvilavu
12. *Calophylluminophyllum* - Punnai
13. *Cassia fistula* - Sarakondrai
14. *Cassia roxburghii*- Sengondrai
15. *Chloroxylon sweitenia* - Purasamaram
16. *Cochlospermumreligiosum*- Kongu, Manjallavu
17. *Cordia dichotoma*- Mookuchalimaram
18. *Cretevaadansonii* - Mavalingum
19. *Dillenia indica* - Uva, Uzha
20. *Dilleniapentagyna*- SiruUva, Sitruzha
21. *Diospyros ebenum* -Karungali
22. *Diospyros chloroxylon* -Vaganai
23. *Ficus amplissima*- KalItchi
24. *Hibiscus tiliaceous* - Aatrupoovarasu
25. *Hardwickiabinata*- Aacha
26. *Holoptelia integrifolia* - Aayili
27. *Lanneacoromandelica* - Odhiam

28. *Lagerstroemia speciosa* - PooMarudhu
29. *Lepisanthustetraphylla* - Neikottaimaram
30. *Limoniaacidissima* - Vilamaram
31. *Litseaglutinosa*-Pisinpattai
32. *Madhuca longifolia* - Illuppai
33. *Manilkara hexandra* - UlakkaiPaalai
34. *Mimusopselengi* - Magizhamaram
35. *Mitragynaparvifolia* - Kadambu
36. *Morindapubescens* - Nuna
37. *Morindacitrifolia*- VellaiNuna
38. *Phoenix sylvestre*- Eachai
39. *Pongamia pinnata* - Pungam
40. *Premnamollissima* - Munnai
41. *Premnaserratifolia* - Narumunnai
42. *Premnatomentosa* -PurangaiNaari, PudangaNaari
43. *Prosopis cinerea* - Vannimaram
44. *Pterocarpus marsupium* - Vengai
45. *Pterospermumcanescens* - Vennangu, Tada
46. *Pterospermumxylocarpum* - Polavu
47. *Puthranjivaroxburghii* - Puthranjivi
48. *Salvadora persica* - UgaaMaram
49. *Sapindusemarginatus* - Manipungan, Soapu kai
50. *Saracaasoca* - Asoca
51. *Streblus asper* - Pirayamaram
52. *Strychnosnuxvomica* - Yetti
53. *Strychnopotatorum* - TherthangKottai
54. *Syzygiumcumini* - Naval
55. *Terminalia bellerica* - Thandri
56. *Terminalia arjuna* - Ven marudhu
57. *Toona ciliate* - Sandhanavembu
58. *Thespesia populnea* - Puvarasu
59. *Walsura trifoliata* - valsura
60. *Wrightia tinctoria* - Vep

Appendix –II

Display Board (Size 6' x5' with Blue Background and White Letters)

-----சுரங்கம்

சுரங்கங்களில் சுவாரி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEIAA/____, தேதியிடப்பட்டு, சுற்றுச்சூழல் அனுமதி _____ தேதி வரை செல்லத்தக்கதாக உள்ளது.

பசுமை பகுதி வளர்ச்சி	சுவாரியின் எல்லையைச் சுற்றி வேலி அமைக்க வேண்டும்.
வேம்பாட்டுக்கான சுரங்கத் திட்டம்	சுரங்கப்பாறையின் ஆழம் தரைமட்டத்திலிருந்து மீட்டர்க்கு மிகாமல் இருக்க வேண்டும்.
	காற்றில் மாக ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும்.
நடப்பட்டு	வாகனங்கள் செல்லும் பாதையில் மாக ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் வாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்.
பராமரிக்கப்பட வேண்டிய மரங்கள் எண்ணிக்கை:	இரைச்சல் அளவையும் தூசி மாகபாட்டையும் குறைப்பதற்காக சுவாரியின் எல்லையை சுற்றி அடர்த்தியான பசுமை பகுதியை ஏற்படுத்த வேண்டும்.
	சுரங்கத்தில் வெடி வைக்கும்பொழுது நிலஅதிர்வுகள் ஏற்படாதவாறும் மற்றும் சுற்கள் பறக்காதவாறும் பாதுகாப்பு நடவடிக்கைகளை உன்னிப்பாக செயல்படுத்தப்பட வேண்டும்.
	சுரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டிசிபல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற்கொள்ள வேண்டும்.
	சுரங்க சட்ட விதிகள் 1955ன் கீழ் சுரங்கத்தில் உள்ள பணியாளர்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு கூடதாமதமின்றி கழிப்பறை வசதிகளை செய்து தர வேண்டும்.
	கிராமம் அல்லது பஞ்சாயத்து வட்டியாக வாகனங்கள் செல்லும் சாலைகளை தொடர்ந்து நன்கு பராமரிக்க வேண்டும்.
	சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் தீர்நிலைகள் பாதிக்கப்படக் கூடாது.
	தீர்நிலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் நிலத்தடி நீரின் தரத்தினை தொடர்ந்து கண்காணிக்க வேண்டும்.
	சுரங்கத்திலிருந்து கனிம பொருட்களை எடுத்துச் செல்வது கிராம மக்களுக்கு எத்தத் சிரமத்தினையும் ஏற்படுத்தாதவாறு பாதுகாப்போடும் மற்றும் சுற்றுச்சூழல் பாதிக்கவாத வண்ணம் வாகனங்களை இயக்க வேண்டும்.
	சுரங்கப்பணிகள் முடிக்கப்பட்டவுடன் சுரங்க மூடல் திட்டத்தில் உள்ளவாறு சுரங்கத்தினை மூட வேண்டும்.
	சுரங்க நடவடிக்கைகளை முடித்தபின்னர் சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளால் இடையூறு ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்து தாவரங்கள் விவசாயிகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பசுமைப்பகுதியை உருவாக்க வேண்டும்.
	முழுமையான நிபந்தனைகளை அறிய பாதிவேஷ் (http://parivesh.nic.in) என்பது இணையதளத்தைப் பார்வையிடவும். மேலும் எந்தவித சுற்றுச்சூழல் சார்ந்த புகார்களுக்கு சென்னையில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார அலுவலகம்: 044 - 28222325 (அல்லது) தமிழ்நாடு மாக கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் பொறியாளரை அணுகவும்.