

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of 277th Meeting of the State Expert Appraisal Committee (SEAC) held on 26th May 2022 (Thurs day) at SEIAA Conference Hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for consideration of Building and Construction Projects & Mining Projects

Agenda No: 277-1

(File No: 6896/2021)

Proposed Fire Clay quarry lease over an extent of 17.945 Ha in S. F. Nos. 24/3B, 24/3H, 26/1, 26/3, 27/1 of Periyakoil Village and S.F.No. 122/1, 122/2B, 122/2C, 122/ 2D1 of Jaderi Village in Cheyyar Taluk, Tiruvannamalai District by M/s. Wienerberger India Private Limited - For Environmental Clearance (SIA/TN/MIS/ 37641/2019, Dated:12.01.2021)

The proposal was placed in this 277th Meeting of SEAC held on 26.5.2022. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The project proponent gave detailed presentation. SEAC noted the following:

1. The Proponent, M/s. Wienerberger India Private Limited has applied for Environmental Clearance for Fire Clay quarry lease over an extent of 17.945 Ha in S. F. Nos. 24/3B, 24/3H, 26/1, 26/3, 27/1 of Periyakoil Village and S.F.No. 122/1, 122/2B, 122/2C, 122/ 2D1 of Jaderi Village in Cheyyar Taluk, Tiruvannamalai District, Tamil Nadu.
2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is 10 years. The total production volume as per mining plan for 5 years is not to exceed 7,64,679 cu.m. of fire clay. The peak production - would be 183640 cu.m. during the 3rd year of the mining activity with ultimate depth – 12.3m (1st five years)
4. Terms of Reference issued by SEIAA, Tamil Nadu vide letter SEIAA-TN/F.No.6896/SEEAC/TOR-682/2020 dated 22.01.2020
5. Public Hearing was held on 11.12.2020
6. The proposed manufacturer of Wire Cut Bricks has previous experience in the


MEMBER SECRETARY
SEAC -TN



CHAIRMAN
SEAC- TN

manufacture of wire cut bricks at Kunigal, Karnataka and is aware of the safety measures required both in mining and factory operations. The technology is evolved on the experience gained by the parent company based in Austria.

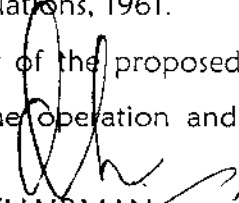
7. Earlier, this proposal was placed before 239th SEAC meeting held on 22.10.2021 & 254th SEAC meeting held on 17.3.2022.

This proposal again been placed in 277th SEAC meeting held on 26.5.2022. After detailed discussions and perusal of the documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the total production volume for 5 years is not to exceed 7,64,679 cu.m. of fire clay after leaving safety distance 100m for Eri (no change in production for 1st five years) subject to the following specific conditions, in addition to normal conditions stipulated by MOEF &CC:

1. Factory should be located adjacent to the mining site and the mined material should be transported directly to the factory through conveyor belts instead of the conventional truck haulage system to avoid pollution due to long distance transportation.
2. The width at the top of the mining area should necessarily be maintained at thrice the depth of the mine. The bench design parameters and road hauling gradient shall be adequately designed considering the condition of ground and necessary permission shall be obtained from the Director of Mines Safety, Chennai Region.
3. The PP shall utilise a minimum of 30% of bio mass (municipal wastes) / Natural gas as the fuel in the proposed factory initially and shall achieve 100% within two years of commencement of factory.
4. Soil test needs to be conducted for identification of any toxic contents regularly and to carry out the treatment as a may be necessary.
5. 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.
6. 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



MEMBER SECRETARY
SEAC -TN

2


CHAIRMAN
SEAC- TN

furnish the photographs/map showing the same before obtaining the CTO from TNPCB.

7. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. Authority.
8. 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.
9. 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.
10. 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.
11. 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.
12. Proper barriers to reduce noise level and dust pollution should be established by


MEMBER SECRETARY
SEAC -TN

3

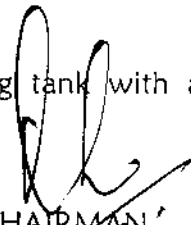

CHAIRMAN
SEAC- TN

providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.

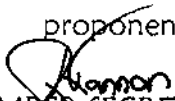
13. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University. 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.
14. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted with proper spacing 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
15. **Noise and Vibration Related:** 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, (ii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
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 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.
18. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.


MEMBER SECRETARY
SEAC -TN

4


CHAIRMAN
SEAC- TN

19. 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.
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. 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.
22. 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.
23. 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.
24. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamil Nadu 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.
25. 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.


MEMBER SECRETARY
SEAC -TN

5

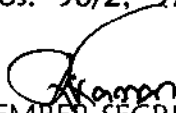

CHAIRMAN
SEAC- TN

26. 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.
27. 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.
28. 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.
29. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road if applicable, about the project as per Appendix -II of these minutes.
30. 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).
31. 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 furnished.
32. As accepted, the Project proponent shall adopt the nearby Government Hr.Sec. School, Nedumpirai village and provide comprehensive support to the school on a continuous basis.

Agenda No: 277-2

(File No: 8881/2021)

Proposed Rough stone & gravel quarry lease over an extent of 1.17.5 Ha (Patta Land) in S.F.Nos. 96/2, 97,2B, 98/1 and 98/2 of Sengundrapuram Village, Virudhunagar Taluk,


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC -TN

Virudhunagar District, Tamil Nadu by M/s. Tmt. M. Ramalakshmi for grant of EC (SIA/TN/MIN/237096/2021 Dated 08.11.2021)


The proposal was placed in 277th meeting of the SEAC held on 26.5.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:

1. The Project Proponent, Tmt. M. Ramalakshmi has applied for the grant of EC for the proposed Rough Stone & Gravel quarry lease over an extent of 1.17.5 Ha in S.F.Nos. 96/2, 97.2B, 98/1 and 98/2 in Sengundrapuram Village, Virudhunagar Taluk, Virudhunagar District, Tamil Nadu
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is 5 years and the mining plan for the period of five years with the quantity should not exceed 1,31,235 cu.m. of Rough Stone, 8,040 cu.m. of Weathered Rock and 8,407 cu.m. of gravel. The annual peak production 27765 cu.m. of Rough Stone (2nd year), 5121 cu.m. of Weathered Rock(1st year) and 5382 cu.m. of gravel(1st year). The ultimate depth 47 metres below GL.

Based on the presentation and documents furnished by the project proponent and considering safety aspects, SEAC decided to recommend the proposal for the grant of **Environmental Clearance**, for the production of 1,30,515m³ of Rough stone & 8,407m³ of Gravel for 5 years with restricted depth upto 42 metres below GL, subject to the standard conditions as per the **Annexure I** 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.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

2. The PP shall contribute to Namakkunname Scheme for the development of haulage upto 5 Km.
3. The mine manager and other statutory competent persons shall be appointed before the commencement of mining operation.
4. The PP shall furnish slope stability action plan as the depth of the proposed quarry is exceeding 40 m, before obtaining CTO from TNPCB.
5. The PP shall carry out the scientific studies to assess the slope stability of the benches and existing quarry wall when the depth of the quarry touches 40 m, by involving a reputed Research and Academic Institution such as NIRM, IITs, NITS Anna University, and any CSIR Laboratories etc. A copy of such scientific study report shall be submitted to the SEIAA, MoEF, TNPCB, AD/Mines-DGM and DMS, Chennai as a part of Environmental Compliance.
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 EMP furnished.
7. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Panchayat Union Primary School Jundalapatti before obtaining CTO from TNPCB.

Providing School name Board, Prayer Shed, Solar powered Smart class room, Developing Library Facilities, Toilet Room & Drinking water facility, Planting of trees in and around the school (As per Appendix-I).

Agenda No: 277-3


(File No: 8887/2021)

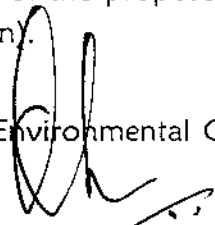
Proposed Rough stone & gravel quarry lease over an extent of 1.90.0 Ha (Patta Land) in S.F.Nos. 298/2A(P), 2B(P), 2D(P), 2E(P), 2F, 2G(P), 21,2J,2K(P), 717/5B1(P) and 5B2(P) of Irur Village, Alathur Taluk, Perambalur District, Tamil Nadu by Thiru M. Baskaran – For Environmental Clearance (SIA/TN/MIN/237185/2021 Dated 03.11.2021)

The proposal was placed in the 277th meeting of SEAC held on 26.5.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:

1. The Project Proponent, Thiru M. Baskaran has applied for Environmental Clearance


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

for the proposed Rough Stone & Gravel quarry lease over an extent of 1.90.0 Ha in S.F.Nos. 298/2A(P), 2B(P), 2D(P), 2E(P), 2F, 2G(P), 21,2J,2K(P), 717/5B1(P) and 5B2(P) at Irur Village, Alathur Taluk, Perambalur District, Tamil Nadu.

2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is 10 years and the mining for the entire period of ten years should not exceed 2,69,805 cu.m. of Rough Stone and 28,322 cu.m. of gravel. The Annual peak production as per mining plan is 31900 m3 Rough stone (1st year) & 11424 m3 gravel (3rd year) with ultimate depth of 47m BGL.

Based on the presentation and documents 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 I 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 mine manager and other statutory competent persons shall be appointed before the commencement of mining operation.
3. The PP shall furnish slope stability action plan as the depth of the proposed quarry is exceeding 40 m, before obtaining CTO from TNPCB.
4. The PP shall carry out the scientific studies to assess the slope stability of the benches and existing quarry wall when the depth of the quarry touches 40 m, by involving a reputed Research and Academic Institution such as NIRM, IITs, NITS Anna University, and any CSIR Laboratories etc. A copy of such scientific study report shall be submitted to the SEIAA, MoEF, TNPCB, AD/Mines-DGM and DMS, Chennai as a part of Environmental Compliance.
5. 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 EMP furnished.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

6. As accepted by the Project proponent, the an amount of Rs. 10 lakhs shall be spent as CER for the following activities in Panchayat Union Primary School Irur & Govt High School Karai, before obtaining CTO from TNPCB.

Renovation of Existing toilet, Construction of school auditorium roof. Painting School compound wall, Providing chairs, desks, printer, etc. Providing environmental related books to the school library. Tree plantation in and around the school (As per Appendix-I).

Agenda No: 277-4

(File No: 8888/2021)


Proposed Gravel quarry lease over an extent of 4.17.5 Ha (Patta Land) in S.F.Nos. 337/2C, 337/3C, 338/1, 338/2, 338/3 and 339/2 of Nodiyur Village, Gandharvakottai Taluk, Pudukkottai District, Tamil Nadu by Thiru R. Murugesan- For Environmental Clearance (SIA/TN/MIN/237111/2021 Dated 02.11.2021)

The proposal was placed in the 277th meeting of SEAC held on 26.5.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:

1. The Project Proponent, Thiru R. Murugesan, has applied for Environmental Clearance for the proposed Gravel quarry lease over an extent of 4.17.5 Ha (Patta Land) in S.F.Nos. 337/2C, 337/3C, 338/1, 338/2, 338/3 and 339/2 of Nodiyur Village, Gandharvakottai Taluk, Pudukkottai District, Tamil Nadu
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production as per mining plan for 2 years not to exceed – 54,706 m³ of gravel. The Annual peak production as per mining plan is 27406 m³ gravel (2nd year) with ultimate depth of 2 BGL.

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


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

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 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.
6. 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.
7. 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



MEMBER SECRETARY
SEAC -TN

11


CHAIRMAN
SEAC- TN

measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.

8. 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.
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 .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 with proper spacing 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. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
12. 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.
13. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
14. 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


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

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.

15. 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.
16. 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.
17. 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.
18. 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.
19. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and Tamil Nadu 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.
20. 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.
21. 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.
22. 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


MEMBER SECRETARY
SEAC -TN

13


CHAIRMAN
SEAC- TN

operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.

23. 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.
24. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road if applicable, about the project as per Appendix –II of these minutes.
25. 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).
26. 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 EMP furnished.
27. As accepted by the Project proponent the CER cost is Rs. 2 lakhs and the amount shall be spent for the following activities in Panchayat Union Middle School Nathanadipatti before obtaining CTO from TNPCB.

Developing Library Facilities, Planting of trees in and around the school (As per Appendix-I).

Agenda No: 277-5

(File No: 8889/2021)

Proposed Rough Stone quarry lease over an extent of 1.00.0 Ha (Government Poromboke Land) in S.F.No. 328/2 (Block 6) of Katpadi (North) Village, Perambalur Taluk, Perambalur District, Tamil Nadu by Thiru S. Elumalai – For Environmental Clearance (SIA/TN/MIN/237645/2021 Dated 08.11.2021)

The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).


MEMBER SECRETARY
SEAC -TN

14


CHAIRMAN
SEAC -TN

The SEAC noted of the following:

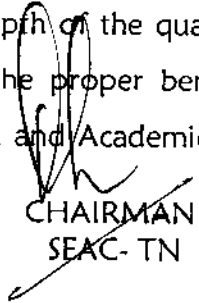
1. The Project Proponent, Thiru S. Elumalai, Nanmangalam, Alathur Taluk, Perambalur District has applied Environmental Clearance for the proposed Rough Stone quarry lease over an extent of 1.00.0 Ha (Government Poromboke Land) in S.F.No. 328/2 (Block 6) of Katpadi (North) Village, Perambalur Taluk, Perambalur District, Tamil Nadu. It is a Govt Poromboke land.
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is 5 years. The production as per mining plan for 5 years is not to exceed 3,03,940 cu.m. of Rough Stone, The annual peak production 72,610 cu.m. during the 1st year of the mining activity. The ultimate depth of mining is 60m (35 metres above GL and 25 metres below GL).

Based on the presentation and documents 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 I 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 mine manager and other statutory competent persons shall be appointed before the commencement of mining operation.
3. The PP shall furnish slope stability action plan as the depth of the proposed quarry is exceeding 40 m (35 m above ground level and 25 m below ground level), before obtaining CTO from TNPCB.
4. However, the PP shall carry out the scientific studies to assess the slope stability of the benches and existing quarry wall when the depth of the quarry touches 30 m above ground level and also for designing the proper benches safely below ground level, by involving a reputed Research and Academic Institution


MEMBER SECRETARY
SEAC -TN

15


CHAIRMAN
SEAC- TN

such as NIRM, IITs, NITS Anna University, and any CSIR Laboratories etc. A copy of such scientific study report shall be submitted to the SEIAA, MoEF, TNPCB, AD/Mines-DGM and DMS, Chennai as a part of Environmental Compliance.

5. 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 EMP furnished.
6. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Panchayat Union Primary School Neduvasal before obtaining CTO from TNPCB.

Construction of School compound wall, Painting of class rooms, Renovation of School Drinking Water Tank, Renovation of existing hand pump, Renovation of School Gate. Providing environmental related books to the School, Tree plantation in and around the School (As per Appendix I).

Agenda No: 277-6

(File No: 8890/2021)

Proposed Rough Stone and Gravel quarry lease over an extent of 4.15.5 Ha (Patta Land) in S.F.No. 249, 250/1 & 250/5 of Nerkunapattu Village, Cheyyar Taluk, Chengalpattu District, Tamil Nadu by Thiru T. Rajendran, - For Environmental Clearance (SIA/TN/MIN/238509/2021 Dated 12.11.2021)

The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:

1. The Project Proponent, Thiru T. Rajendran, has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 4.15.5 Ha (Patta Land) in S.F.No. 249,250/1 & 250/5 of Nerkunapattu Village, Cheyyar Taluk, Chengalpattu District, Tamil Nadu
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan, the lease period is 10 years. The mining plan for the period of Five years & production should not exceed 4,24,740 cu.m. of Rough Stone and


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC-TN

65,550 cu.m. of Gravel. The Annual peak production – 86,145 m³ of Rough stone (4th year) & 25300 m³ of Gravel (3rd year). The ultimate depth of mining is 47 metres below GL.

Based on the presentation and documents 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 I of this minutes & normal conditions stipulated by MOEF & CC, in addition to the following specific conditions:

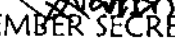
1. The prior Environmental Clearance granted for this mining project shall be valid for the project life including production value as laid down in the mining plan approved and renewed by competent authority, from time to time, subject to a maximum of thirty years, whichever is earlier.
2. The mine manager and other statutory competent persons shall be appointed before the commencement of mining operation.
3. The PP shall furnish slope stability action plan as the depth of the proposed quarry is exceeding 40 m, before obtaining CTO from TNPCB.
4. The EB line shall be relocated before operation of the quarry.
5. 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 EMP furnished.
6. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Panchayat Union Primary School Nerkunapattu before obtaining CTO from TNPCB.

Renovation of existing toilets, Grill gate to school entrance, Construction of Drinking Water Tank, Construction of Hand Washing System, Providing environmental related books to the School, Carrying out plantation in the meikkal poramboke land in S.F.No 243 (extent 9.64.0 ha) 500 Nos of native species, Avenue Plantation along the School Boundary 250 Nos and Providing Tables and chairs to school.

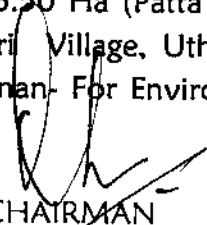
Agenda No: 277-7

(File No: 8891/2021)

Proposed Rough stone & gravel quarry lease over an extent of 2.16.50 Ha (Patta Land) in S.F.Nos. 12/2A, 12/2B, 12/3A, 12/3B, 12/3C and 12/3D of Pazhaveri Village, Uthiramerur Taluk, Kancheepuram District, Tamil Nadu by Thiru R. Vinothsaravanan- For Environmental Clearance (SIA/TN/MIN/245237/2021 Dated 16.12.2021)


MEMBER SECRETARY
SEAC -TN

17


CHAIRMAN
SEAC- TN

The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:

1. The Project Proponent, Thiru R. Vinothsaravanan has applied for Environmental Clearance the proposed Rough Stone & Gravel quarry lease over an extent of 2.16.50 Ha in S.F.Nos. 12/2A, 12/2B, 12/3A, 12/3B, 12/3C and 12/3D of Pazhaveri Village, Uthiramerur Taluk, Kancheepuram District, Tamil Nadu
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan, the lease period is 5 years and the mining plan for the period of five years should not exceed 3,66,762 cu.m. of Rough Stone and 34,188 cu.m. of gravel. The Annual peak production 91100 cu.m. of Rough Stone (5th year) and 34,188 cu.m. of gravel (1st year) . The ultimate depth of mining would be 50 metres below GL.

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 Vedanthangal Bird Sanctuary at 9.6 Km & Kavanipakkam RF is located within a distance of 1 km from this project site and the proposal is, therefore, hit by the above G.O. The Committee, therefore, **decided not to recommend the proposal.**


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Agenda No: 277-8

(File No: 8892/2021)

Proposed Limekankar quarry lease over an extent of 4.86.5 Ha (Patta Land) in S.F.Nos. 6/1B, 2, 3A, 3(B)p, 5A, 7/2, 4, 6 & 7/7 of Kruppur Senapathy Ariyalur Taluk, Ariyalur District, Tamil Nadu by Thiru S. Saravanan for Environmental Clearance (SIA/TN/MIN/241029/2021 Dated 26.11.2021)

The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:

1. The Project Proponent, Thiru S. Saravanan has applied for Environmental Clearance for the proposed Limekankar quarry lease over an extent of 4.86.5 Ha (Patta Land) in S.F.Nos. 6/1B, 2, 3A, 3(B)p, 5A, 7/2, 4, 6 & 7/7 of Kruppur Senapathy Ariyalur Taluk, Ariyalur District, Tamil Nadu
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The quarrying is proposed to be carried out in a joint patta land of Thiru S. Saravanan and Thiru S. Subramanian and the proponent has registered the Lease Deed vide Doc. No. 2814/ 2019.
4. The existing quarried located within 500m radius are lime stone quarries & this proposal is limekanker.
5. As per the mining plan, the lease period is for 10 years. The production for 5 years not to exceed -102920 m³ of Limekanker 14382 m³ of Top soil. The Annual peak production as per mining plan is 50814 m³ of Limekanker (1st year) with ultimate depth of 2.3m BGL.

Based on the presentation and documents 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 I of this minutes & normal conditions stipulated by MOEF & CC, in addition to the following specific conditions:


MEMBER SECRETARY
SEAC -TN

19


CHAIRMAN
SEAC- TN

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. Karaivetti Bird Sanctuary is within 10km, cost of mitigation measures for Rs. 10 lakh should be deposited with DFO Ariyalur in lieu of CER.
3. The PP shall properly demarcate the area for ensuring the storage of top soil within the leasehold area during the quarrying operation.
4. The EB line shall be shifted before commencement of operation.
5. 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 furnished.
6. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

Panchayat Union Primary School, Senapathy

Construction of Gate at School Entrance, Providing RO Water Unit, Construction of Handwash Unit, Providing Rack, Fan, and Environment related books to the school library, Painting for School building, Tree Plantation in and around the school (As per Appendix I).

Agenda No: 277-9

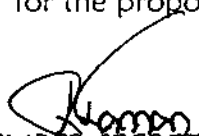
(File No: 8893/2021)

Proposed Multi Colour Granite quarry lease over an extent of 1.56.0 Ha (Patta Land) in S.F.No. 782/2 of R. Vellodu Village, Vedaandur Taluk, Dindigul District, Tamil Nadu by M/s. Sawariya Rocks- For Environmental Clearance (SIA/TN/MIN/229817/2021 Dated 17.09.2021)

The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following :

1. The Project Proponent, M/s. Sawariya Rocks have applied for Environmental Clearance for the proposed Multi Colour Granite quarry lease over an extent of 1.56.0 Ha (Patta


MEMBER SECRETARY
SEAC -TN

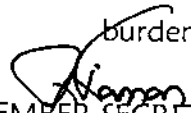

CHAIRMAN
SEAC-TN

Land) in S.F.No. 782/2 of R. Vellodu Village, Vendasandur Taluk, Dindigul District, Tamil Nadu.

2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is 20 years and the mining plan for the period is five years. The quantum of mining for the entire five year period should not exceed 35,125cu.m. (ROM) & 8781 Cu.m of Granite. The Annual peak production is 7800 cu.m. (ROM) (1st & 2nd Year) & 1950 Cu.m of Granite (1st & 2nd Year). The ultimate depth of mining- 18 metres below GL.

Based on the presentation and documents 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 I 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 proponent shall mandatorily appoint the statutory Mines Manager and the Mining Engineer relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Granite Conservation & Development Rules, 1999 respectively.
3. The proponent shall erect fencing all around the boundary of the proposed area with gates for entry/exit before obtaining the CTO from TNPCB.
4. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned government authority.
5. 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


MEMBER SECRETARY
SEAC -TN

21


CHAIRMAN
SEAC- TN

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.

6. 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.
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 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.
9. 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.
10. 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 -I 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.

11. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted with proper spacing 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.
12. **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 guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this


MEMBER SECRETARY
SEAC -TN

23


CHAIRMAN
SEAC -TN

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.

13. 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.
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 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.
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 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.
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.


MEMBER SECRETARY
SEAC -TN

24


CHAIRMAN
SEAC- TN


19. 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
20. 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.
21. The project proponent shall ensure that the provisions of the MMDR Act, 1957, the Granite Conservation and Development Rules 1999, the MCDR 2017 and Tamil Nadu 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.
22. 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.
23. 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.
24. Prior clearance from Forestry & Wildlife 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.
25. 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.


MEMBER SECRETARY
SEAC -TN

25


CHAIRMAN
SEAC- TN

26. 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).
27. 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.
28. 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.
29. 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 EMP furnished.
30. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road, about the project as per Appendix –II of these minutes.
31. 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 EMP furnished.
32. As accepted by the Project proponent the CER cost is Rs. 10 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Panchayat Union Primary School and Government High School Vellodu
Renovation of Existing toilet with running water facilities. Providing Drinking water facilities by installation of R.O Unit. Construction of School compound wall with terracotta paintings. Providing Benches and desks to class rooms. Providing Environmental Related books to the School library. Tree plantation in and around the school. Smart classroom facilities.

Agenda No: 277-10

(File No: 8894/2021)

Proposed Rough Stone and Gravel quarry lease over an extent of 4.93.0 Ha (Patta Land) in S.F.No. 602/1A (P), 604(P) & 607/1(P) of Kasthuriengapuram Part I Village, Tisayanvilai Taluk, Tirunelveli District, Tamil Nadu by Thiru S. Petchimuthu – For Environmental Clearance.(SIA/TN/MIN/252747/2021 Dated 22.01.2022)

The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:

1. The Project Proponent, Thiru S. Petchimuthu, Kasthuriengapuram Part I Village, Tisayanvilai Taluk, Tirunelveli district has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 4.93.0 Ha (Patta Land) in S.F.Nos. 602/1A(P), 604(P) & 607(1)P of Kasthuriengapuram Part I Village, Tisayanvilai Taluk, Tirunelveli District, Tamil Nadu
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is 5 years and the mining plan for the period is five years. The quantum of mining for the entire five year period should not exceed 10,32,080 cu.m. of Rough Stone, 39,300 cu.m. of Weathered Gravel and 83,664 cu.m. of Gravel. The Annual peak production is 218710 cu.m. of Rough Stone,(4th year), 14164 cu.m. of Weathered Gravel (2nd year) and 30504 cu.m. of Gravel (1st year).The ultimate depth of mining- 43 metres below GL.

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

MEMBER SECRETARY
SEAC -TN

27

CHAIRMAN
SEAC- TN

production subject to the standard conditions as per the **Annexure I** 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 mine manager and other statutory competent persons shall be appointed before production the commencement of mining operation.
3. The PP shall furnish slope stability action plan as the depth of the proposed quarry is exceeding 40 m, before obtaining CTO from TNPCB.
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 EMP furnished.
5. As accepted by the Project proponent the CER cost is Rs. 10 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

Govt Hr Sec School, Tirunelveli
Renovation of Existing toilet with running water facilities. Providing Drinking water facilities by installation of R.O Unit. Providing hand wash unit. Providing Environmental Related books to the School library. Tree plantation in and around the school. Providing smart classrooms.

Agenda No: 277-11

(File No: 8896/2021)

Proposed Rough Stone and Gravel quarry lease over an extent of 3.86.0 Ha (Patta Land) in S.F.No. 1273 of Kannur Village, Andipatti Taluk, Theni District, Tamil Nadu by Thiru S. Deivendran- For Environmental Clearance (SIA/TN/MIN/245840/2021 Dated 18.12.2021)

The proposal was placed in the 276th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

1. The Project Proponent, S. Deivendran, has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 3.80.0 Ha (Patta Land) in S.F.No. 1273 of Kannur Village, Andipatti Taluk, Theni District, Tamil Nadu
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan, the lease period is 10 years and the proposed mining plan for Five years & the production should not exceed 4,14,750 cu.m. of Rough Stone, 45,144 cu.m. of Weathered Rock and 71,400 cu.m. of Gravel. The Annual peak production 84050 cu.m. of Rough Stone (5th year), 33264 cu.m. of Weathered Rock (1st year) and 1976 cu.m. of Gravel (2nd year). The ultimate depth is 30 metres below GL.

Based on the presentation and documents furnished by the project proponent, SEAC noted that the SMTR (Srivilliputhur Megamalai Tiger Reserve) is located within 10 KM from the project site. The ESZ for the Reserve is yet to be notified. The Committee, therefore, decided to not recommend the proposal.

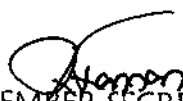
Agenda No: 277-12

(File No: 8897/2021)

Proposed Rough Stone quarry lease over an extent of 3.25.0 Ha (Patta Land) in S.F.Nos. 33/4,5,6,7,9,10,12, 16, 34/10,11,12,13,14,15,16, 17H, 17 I, 17 J, 17K, 18,19A, 19B,19C, 20, 21, 22A, 22B, 23,& 24(P) of Vellanur Village, Kulathur Taluk, Pudukkottai District, Tamil Nadu by Tmt. B. Pandiselvi, for Environmental Clearance (SIA/TN/MIN/241618/2021 Dated 01.12.2021)

The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

From the presentation and documents furnished by the proponent, the SEAC noted that, fact that this proposal is for the grant of EC for an existing quarry and it was operated by Thiru K.R.N. Bose, husband of the proponent for a period of four years from 29.01.2016 to 26.09.2020. Hence SEAC decided to obtain following detail from the PP.


MEMBER SECRETARY
SEAC -TN

29


CHAIRMAN
SEAC -TN

1. The certified compliance report of the earlier EC issued in the name of Thiru K.R.N. Bose from MOEF&CC/TNPCB.
2. The PP shall furnish registered lease deed in the name of PP.

On the receipt of the same further deliberation will be done.

Agenda No: 277-13

(File No: 8898/2021)

Proposed Gravel quarry lease over an extent of 2.46.5 Ha (Patta Land) in S.F.Nos. 485/3, 485/5 & 487/1 of Kondakuppam Village, Walajah Taluk, Ranipet District, Tamil Nadu by Thiru S. Thirumeni- For Environmental Clearance (SIA/TN/MIN/233772/2021 Dated 22.10.2021)

The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

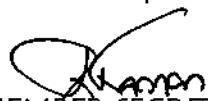
The SEAC noted of the following:

1. The Project Proponent, S. Thirumeni, has applied for Environmental Clearance for the proposed Gravel quarry lease over an extent of 2.46.5 Ha (Patta Land) in S.F.Nos. 485/3, 485/5 & 487/1 of Kondakuppam Village, Walajah Taluk, Ranipet District, Tamil Nadu
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. The lease period is 2 years and the proposed mining would be for 20,180 cu.m. of Gravel and the total depth proposed is 1 metre below GL.

Based on the presentation and documents furnished by the project proponent, SEAC decided call for the following details from the PP.

1. The PP shall furnish the letter from DFO concerned, stating the exact distance of the Venugopalapuram Reserve Forest with respect to the shortest boundary of the project site.
2. Soil testing report analysed through approved institution/agencies of Dept Mining & Geology, Govt of Tamil Nadu.

On the receipt of the same further deliberation will be done.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Agenda No: 277-14

(File No: 8899/2021)

Proposed Rough Stone, Jelly and Gravel quarry lease over an extent of 1.58.0 Ha (Patta Land) in S.F.Nos. 183/3, 194/7 & 194/1 of Viruveedu Village, Nilakottai Taluk, Dindigul District, Tamil Nadu by Tmt. N. Susila- For Environmental Clearance. (SIA/TN/MIN/240330/2021 Dated 18.12.2021)

The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:

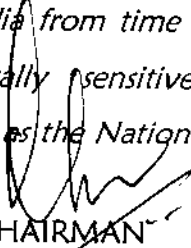
1. The Project Proponent, Tmt. N. Susila, has applied for Environmental Clearance for the proposed Rough Stone, Jelly and Gravel quarry lease over an extent of 1.58.0 Ha (Patta Land) in S.F.Nos. 183/3, 194/7 & 194/1 of Viruveedu Village, Nilakottai Taluk, Dindigul District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan, the lease period is 10 years and the mining plan for the period of 5 years & the production should not exceed -77680 cu.m. of Rough stone, 9344 Cu.m of Weathered Rock & 20 422 Cu.m of Gravel and the ultimate depth proposed is 13 metre below GL.

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,


MEMBER SECRETARY
SEAC -TN

31


CHAIRMAN
SEAC- TN

Wild life Sanctuaries, Tiger Reserves, Elephant corridors and Reserve Forests”.

The Committee noted that the Valayapatti RF is located within a distance of 1 km 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: 277-15

(File No: 8900/2021)


Proposed Rough Stone, Jelly and Gravel quarry lease over an extent of 0.65.75 Ha (Patta Land) in S.F.No. 68/ 2B2 of Rengappanaickenpatty Village, Nilakottai Taluk, Dindigul District, Tamil Nadu by Thiru N. Sundar- For Environmental Clearance (SIA/TN/MIN/240188/2021 Dated 18.12.2021)

The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC notes the following

1. The Project Proponent, Thiru N. Sundar, has applied for Environmental Clearance for the proposed Rough Stone, Jelly and Gravel quarry lease over an extent of 0.65.75 Ha (Patta Land) in S.F.No. 68/ 2B2 of Rengappanaickenpatty Village, Nilakottai Taluk, Dindigul District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category “B2” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
3. As per mining plan, the lease period is 10 years and the mining plan for the period of 5 years & the production should not exceed -22150 cu.m. of Rough stone, 7592 Cu.m of Weathered Rock, & 4180 Cu.m of Gravel and the Ultimate depth is 13 metre below GL.

Based on the presentation and documents furnished by the project proponent, SEAC noted that there are habitations in close proximity of the proposed quarry and SEAC therefore decided not to recommend the proposal.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Agenda No: 277-16

(File No: 8901/2021)

Proposed Rough Stone and Gravel quarry lease over an extent of 0.55.5 Ha (Patta Land) in S.F.No. 267/5, Pogalur Village, Peranampattu Taluk, Vellore District, Tamil Nadu by Thiru G. Nagesh- For Environmental Clearance (SIA/TN/MIN/237955/2021 Dated 22.11.2021)


The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC notes the following

1. The Project Proponent, Thiru G. Nagesh, has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 0.55.5 Ha (Patta Land) in S.F.No. 267/5, Pogalur Village, Peranampattu Taluk, Vellore District, Tamil Nadu.
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan, the lease period is 5 years and the mining plan for the period of 5 years & the production should not exceed – 31839 cu.m. of Rough stone. The annual peak production 6595 Cu.m of Rough Stone and the Ultimate depth is 26m metre Above GL.

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".


MEMBER SECRETARY
SEAC -TN

33


CHAIRMAN
SEAC- TN

The Committee noted that the Pullalakuppam Extn RF is located within a distance of 1 km 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: 277-17

(File No: 8902/2021)

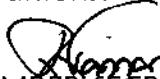
Proposed Rough Stone, Jelly and Gravel quarry lease over an extent of 1.66.5 Ha (Patta Land) in S.F.No. 1079, Keelaneelithanallur Village, Sankarankovil Taluk, Tenkasi District, Tamil Nadu by M/s. Golden Mines- For Environmental Clearance (SIA/TN/MIN/249114/2021 Dated 05.01.2022)


The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:

1. The Project Proponent, M/s. Golden Mines, has applied for Environmental Clearance for the proposed Rough Stone, Jelly and Gravel quarry over an extent of 1.66.5 Ha (Patta Land) in S.F.No. 1079, Keelaneelithanallur Village, Sankarankovil Taluk, Tenkasi District, Tamil Nadu
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan, the lease period is 5 years and the proposed mining plan for the period of 5 years with the production should not exceed 2,08,200 cu.m. of Rough Stone, 10,908 cu.m. of Weathered Rock and 23,008 cu.m. of Gravel. The annual peak production 41950 cu.m. of Rough Stone(3rd year), 8484 cu.m. of Weathered Rock(1st year) and 17680 cu.m. of Gravel (1st year). The ultimate depth is 43 metres below GL.

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


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

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 EMP furnished.
3. The mine manager and other statutory competent persons shall be appointed before the commencement of mining operation.
4. The PP shall furnish slope stability action plan as the depth of the proposed quarry is exceeding 40 m, before obtaining CTO from TNPCB.
5. The PP shall ensure that only controlled blasting operation involving line drilling and muffle blasting is carried out in the quarry such that no fly rock travel beyond 30 m from the blast site.
6. As accepted by the Project proponent the CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities before obtaining CTO from TNPCB.

Govt High School, Metaneelithanallur
Renovation of Existing toilet with running water facilities. Providing Drinking water facilities by installation of R.O Unit. Providing Environmental Related books to the School library, Tree plantation in and around the school (As per Appendix I).

Agenda No: 277-18

(File No: 8905/2021)

Proposed Rough Stone and Gravel quarry lease over an extent of 0.92.0 Ha (Patta Land) in S.F.Nos. 744/2(P) and 744(3)(P) of Nathathahalli Village, Nallampalli Taluk, Dharmapuri District, Tamil Nadu by M/s Tirumala & Company- For Environmental Clearance (SIA/TN/MIN/250125/2022 Dated 18.01.2022)

The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in). The SEAC noted the following.

1. The Project Proponent, M/s Tirumala & Company, has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of


MEMBER SECRETARY
SEAC -TN

35


CHAIRMAN,
SEAC -TN

0.92.0 Ha (Patta Land) in S.F.Nos. 744/2(P) and 744(3)(P) of Nathathahalli Village, Nallampalli Taluk, Dharmapuri District, Tamil Nadu.

2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan, the lease period is 5 years and the proposed mining plan for the period of 5 years with the production should not exceed 70734 cu.m. of Rough Stone and 5580 cu.m. of Gravel. The annual peak production 16160 cu.m. of Rough Stone (2nd year) and 3060 cu.m. of Gravel (4th year). The ultimate depth is 29m (9m AGL + 20m BGL).

Based on the presentation and documents furnished by the project proponent, SEAC noted that there are permanent structures located within 100 m from the boundary of the proposed quarry and around 20 houses are situated within 300 m radius of the proposed quarry site. SEAC, therefore, decided not to recommend the proposal.

Agenda No: 277-19

(File No: 8906/2021)

Proposed Rough Stone quarry lease over an extent of 1.58.5 Ha (Patta Land) in S.F.No. 92/1B, Maveripatti Village, Harur Taluk, Dharmapuri District, Tamil Nadu by Thiru A. Thirumal- For Environmental Clearance (SIA/TN/MIN/250859/2022 Dated 18.01.2022)

The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:

1. The Project Proponent, Thiru A. Thirumal has applied for Environmental Clearance for the proposed Rough Stone quarry over an extent of 1.58.5 Ha (Patta Land) in S.F.No. 92/1B, Maveripatti Village, Harur Taluk, Dharmapuri District, Tamil Nadu
2. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
3. As per mining plan, the lease period is 5 years and the proposed mining plan for the period of 5 years with the production should not exceed 73790 cu.m. of Rough Stone


MEMBER SECRETARY
SEAC -TN

36


CHAIRMAN
SEAC-TN

and 5580 cu.m. of Top soil. The annual peak production 16530 cu.m. of Rough Stone(1st year) and 4410 cu.m. of Top soil (1st year). The ultimate depth is 30m BGL.

Based on the presentation and documents furnished by the project proponent, SEAC decided to obtain following details from the PP.

1. The PP shall furnish certified EC compliance report obtained from MOEF&CC/TNPCB.
2. The PP shall furnish the details on the completion of fencing work around the existing quarry.
3. It is found that the existing pit does not have benches. The PP shall, therefore, furnish slope stability action plan involving the realignment of benches (or) stability measures approved by the AD/Mines, DGM for the existing quarry.

Agenda No: 277-20


(File No: 8907/2022)

Proposed Gravel quarry lease over an extent of 4.58.5 Ha (Patta Land) in S.F.Nos. 341/1, 341/2, 341/3, 341/5, 342/2, 342/3, 342/4, 342/5, 342/6, 342/7, 342/8 & 342/9 of Manganur Village, Gandharvakottai Taluk, Pudukkottai District, Tamil Nadu by Thiru R. Manoharan- For Environmental Clearance (SIA/TN/MIN/252802/2022 Dated 22.01.2022)

The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:

1. The Project Proponent, Thiru R. Manoharan, has applied for Environmental Clearance for the proposed Gravel quarry lease over an extent of 4.58.5 Ha (Patta Land) in S.F.Nos. 341/1, 341/2, 341/3, 341/5, 342/2, 342/3, 342/4, 342/5, 342/6, 342/7, 342/8 & 342/9 of Manganur Village, Gandharvakottai Taluk, Pudukkottai District, Tamil Nadu
2. The proposed quarry/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 the mining plan, the lease period is 3 years and the proposed mining is for 3 years with the maximum production not to exceed 78,792 cu.m. of Gravel and the total depth proposed is 2 metres below GL.

Based on the presentation and document furnished by the project proponent, SEAC noted that as per the report of soil analysis submitted, the percentage (%) of sand is 36 to 50%. Considering the Judgment of 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, the Director of Geology and Mining, Government of Tamil Nadu, in his letter No. 7240/MM6/2019 dated 30.07.2021, SEAC therefore decided to not recommend the proposal for the grant of Environmental Clearance.

Agenda No: 277-21

(File No: 8984/2022)

Proposed Rough Stone and Gravel quarry lease over an extent of 1.92.5 Ha (Patta Land) in S.F.Nos. 88/3, 88/4, 88/8(P) & 88(10) of Gurupedapuram Village, Kallakurichi Taluk, Kallakurichi District, Tamil Nadu by M/s. TVL Oriental Structural Engineers Pvt. Ltd., - For Environmental Clearance (SIA/TN/MIN/254872/2022 Dated 04.02.2022)

The proposal was placed in the 277th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:

1. The Project Proponent, M/s. TVL Oriental Structural Engineers Pvt. Ltd., has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry over an extent of 1.92.5 Ha (Patta Land) in S.F.Nos. 88/3, 88/4, 88/8(P) & 88(10) of Gurupedapuram Village, Kallakurichi Taluk, Kallakurichi District, Tamil Nadu
2. The quarrying of rough stone and gravel is for the utilization for four lane work of Poondiankuppam Sattanathapuram Section of NH 45A in the State of Tamil Nadu
3. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
4. As per mining plan, the lease period is 5 years and the proposed mining plan for the period of 3 years with the production should not exceed 2,68,335 cu.m. of Rough


MEMBER SECRETARY
SEAC -TN



CHAIRMAN
SEAC-TN

Stone and 28,680 cu.m. of Gravel. The annual peak production 55615 cu.m. of Rough Stone(4th year) and 11788 cu.m. of Gravel (1st year). The ultimate depth is 42m BGL.

Based on the presentation and documents 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 I 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 mine manager and other statutory competent persons such as blaster (or) mine mate shall be appointed before the commencement of mining operation.
3. The PP shall furnish slope stability action plan as the depth of the proposed quarry is exceeding 40 m, before obtaining CTO from TNPCB.
4. The Controlled blasting techniques involving the line drilling and muffle blasting methods shall be adopted during blasting operation in the proposed quarry.
5. The PP shall also pay dedicated attention for development of green belt around the quarry in the safety zone area.
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 EMP furnished.
7. As accepted by the Project proponent the CER cost is Rs. 6.5 lakhs and the amount shall be spent for the following activities in Government Aided Primary School Panchayt Union Middle School Gुरुpeedapuram, before obtaining CTO from TNPCB.

Renovation of Existing toilet with running water facilities. Providing Drinking water facilities by installation of R.O Unit. Providing Environmental Related books to the School Library. Tree plantation in and around the school (As per Appendix IO).


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Agenda No: 277-22

(File No: 9028/2022)


Proposed Rough Stone and Gravel quarry lease over an extent of 2.93.5 Ha (Patta Land) in S.F.No. 164/9 of Koondaloor Village, Kallakurichi Taluk, Kallakurichi District, Tamil Nadu by M/s. RS Development and Constructions India Private Limited- For Environmental Clearance (SIA/TN/MIN/258237/2022 Dated 24.02.2022)

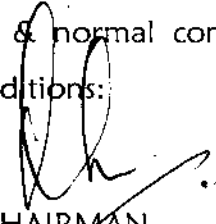
The proposal was placed in the 276th meeting of SEAC held on 26.05.2022. The project proponent presented the details of the proposed quarry. The details of the proposed quarry furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted of the following:

1. The Project Proponent, M/s. RS Development and Constructions India Private Limited for the grant of for Environmental Clearance for the proposed Rough Stone and Gravel quarry over an extent of 2.93.5 Ha (Patta Land) in S.F.No. 164/9 of Koondaloor Village, Kallakurichi Taluk, Kallakurichi District, Tamil Nadu
2. The quarrying of rough stone and gravel is for the utilization for four lane work of Sattanathapuram – Nagapattinam Section of NH 45A in the State of Tamil Nadu.
3. The proposed quarry/activity is covered under Category “B2” of Item 1(a) “Mining Projects” of the Schedule to the EIA Notification, 2006.
4. As per mining plan, The lease period is 10 years and the proposed mining plan for 10 years should not exceed a total of 3,03,905 cu.m. of Rough Stone and 73,020 cu.m. of Gravel. The annual peak production 37820 cu.m. of Rough Stone(6th year) and 28760 cu.m. of Gravel (1st year). The ultimate depth is 39m BGL.

Based on the presentation and documents furnished by the project proponent and considering safety aspects, SEAC decided to recommend the proposal for the grant of Environmental Clearance, for the production of quantity – 2,60,012 m³ Rough stone & 73,020m³Gravel for 10 Years with restricted depth upto 29 metres below GL, subject to the standard conditions as per the Annexure I of this minutes & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions:


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

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 mining manager shall be appointed before production.
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 EMP furnished.
4. As accepted by the Project proponent the CER cost is Rs. 7.5 lakhs and the amount shall be spent for the following activities in Government Girls High School & Govt Primary School at Koondaloor before obtaining CTO from TNPCB.

Renovation of Existing toilet with running water facilities, Providing Drinking water facilities by installation of R.O Unit. Construction of School compound wall with terracotta paintings. Providing Benches and desks to classrooms. Providing Environmental Related books to the School Library. Smart class facilities. Tree plantation in and around the school.

Agenda No: 277-23

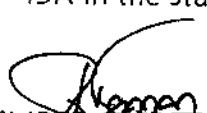
(File No: 9127/2022)

Proposed Rough Stone and Gravel quarry lease over an extent of 2.02.5 Ha (Patta Land) in S.F.No. 148/1B1, 148/1A & 148/2B of Olagalampoondi Village, Vikravandi Taluk, Villupuram District, Tamil Nadu by Tmt. V. Sasikala – For Environmental Clearance (SIA/TN/MIN/263767/2022 Dated 26.03.2022)

The proposal was placed in this 277th SEAC Meeting held on 26.5.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, Tmt. V. Sasikala, has applied for Environmental Clearance for the Proposed Rough Stone and Gravel quarry lease over an extent of 2.02.5 Ha (Patta Land) in S.F.No. 148/1B1, 148/1A & 148/2B of Olagalampoondi Village, Vikravandi Taluk, Villupuram District, Tamil Nadu
2. The quarrying of rough stone and gravel is for the utilization for four lane work of NH 45A in the State of Tamil Nadu.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

3. The proposed quarry/activity is covered under Category "B2" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
4. As per mining plan the lease period is 5 years and the proposed mining plan for 5 years should not exceed a total of 2,81,925 cu.m. of Rough Stone and 30,056 cu.m. of Gravel. The annual peak production 124075 cu.m. of Rough Stone(2nd year) and 12920 cu.m. of Gravel (2nd year). The ultimate depth is 47m BGL.

Based on the presentation and documents furnished by the project proponent and considering safety aspects (by removing last bench of section C-D), SEAC decided to recommend the proposal for the grant of Environmental Clearance, for the production of 200515 m³ of Rough stone & 30,056 m³ of Gravel for 5 years with depth upto 37 metres below GL, subject to the standard conditions as per the Annexure I 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 mine manager and other statutory competent persons such as blaster (or) mine mate shall be appointed before the commencement of mining operation.
3. The Controlled blasting techniques using NONEL detonators shall be adopted during blasting operation in the proposed quarry.
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 EMP furnished.
5. As accepted by the Project proponent the CER cost is Rs. 10 lakhs and the amount shall be spent for the following activities in Panchayat Union Middle School Olagalampoondi before obtaining CTO from TNPCB.

Providing Solar powered Smart classroom, Developing Library Facilities. Toilet Room & Drinking water facilities. Planting of trees in and around the school (As per Appendix-I).


MEMBER SECRETARY
SEAC -TN

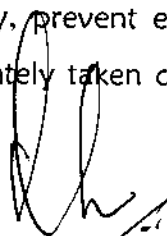
42


CHAIRMAN
SEAC-TN

ANNEXURE - I

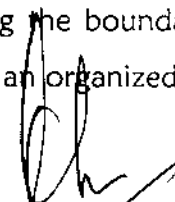
1. The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961.
2. The proponent shall erect fencing all around the boundary of the 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

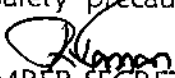

CHAIRMAN
SEAC- TN

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, Tamil Nadu .
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 PP shall carryout the plantation as committed within one year after commencement of operation.
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. 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 with proper spacing 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

14. **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.
15. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
16. 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.
17. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
18. 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 /



MEMBER SECRETARY
SEAC -TN

45


CHAIRMAN
SEAC- TN


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.


19. 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.
20. 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.
21. 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.
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 MMRD, 1956, the MCDR 2017 and Tamil Nadu 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.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

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 communication letter issued by concerned District Collector should be strictly followed.
28. The Project proponent shall install a Display Board at the entrance of the mining lease area/abutting the public Road if applicable, about the project as per Appendix –II of these minutes.
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 Suggested for Planting

No	Scientific Name	Tamil Name	Tamil Name
1	<i>Azadirachta indica</i>	Vilvam	வில்வம்
2	<i>Adenanthera pavonina</i>	Manjadi	மஞ்சாடி ஆனைக்குன்றுமணி
3	<i>Albizia lebbek</i>	Vaagai	வாகை
4	<i>Albizia amara</i>	Usil	உசில்
5	<i>Bauhinia purpurea</i>	Mantharai	மந்தாரை
6	<i>Bauhinia racemosa</i>	Aathu	ஆத்து
7	<i>Bauhinia tomentosa</i>	Iruvathi	இருவாத்தி
8	<i>Buchanania axillaris</i>	Kattuma	காட்டுமர
9	<i>Ecassus flabellifer</i>	Panai	பனை
10	<i>Eutea monosperma</i>	Murukkamarai	முருக்கமரம்
11	<i>Bobax ceiba</i>	Ilavu, Sevvilavu	இலவ
12	<i>Calophyllum inophyllum</i>	Punnai	புன்னை
13	<i>Cassia fistula</i>	Sarakondrai	சரக்கொன்றை
14	<i>Cassia roxburghii</i>	Sengondrai	செங்கொன்றை
15	<i>Chloroxylon swietenia</i>	Purasamaram	புரசம்மரம்
16	<i>Cedilopterium religiosum</i>	Kongu, Manjallavu	கோங்கு, மஞ்சள் இலவ
17	<i>Cordia dichotoma</i>	Naruvuli	நருவூர்
18	<i>Croton adansoni</i>	Mavalungum	மாவிளங்கம்
19	<i>Dillenia indica</i>	Uva, Usha	உசா
20	<i>Dillenia pentagyna</i>	SiruUva, Sitruzha	சீரு உசா
21	<i>Diospyros ebenum</i>	Karungali	கருங்காலை
22	<i>Diospyros chloroxylon</i>	Vaganai	வாகனை
23	<i>Ficus amplissima</i>	Kalitchi	கல் இச்சி
24	<i>Hibiscus tiliaceus</i>	Aatrupoovarasu	ஆற்றுப்பூவரசு
25	<i>Hardwickia binata</i>	Aacha	ஆச்சா
26	<i>Holoptelia integrifolia</i>	Aayili	ஆயில் மரம், ஆயில்
27	<i>Lamnia coromandelica</i>	Odhiam	ஒதியம்
28	<i>Lagerstrœmia speciosa</i>	Poo Marudhu	பூ மருது
29	<i>Lepisanthus tetraphylla</i>	Neikottaimaram	நெய் கொட்டை மரம்
30	<i>Limonia acidissima</i>	Vilamaram	வில்லா மரம்
31	<i>Litsea glutinosa</i>	Pisinpattai	பிசம்பட்டை
32	<i>Madhuca longifolia</i>	Illupai	இலுப்பை
33	<i>Manilkara hexandra</i>	UlakkaiPaalai	உலக்கை பாலை
34	<i>Mimusops elengi</i>	Magizhamaram	மகிழ்மரம்
35	<i>Mitragyna parvifolia</i>	Kadambu	கடம்பு
36	<i>Morinda pubescens</i>	Nuna	நுணா
37	<i>Morinda citrifolia</i>	Vellai Nuna	வெள்ளை நுணா
38	<i>Phoenix sylvestris</i>	Eachai	எச்சம்மரம்
39	<i>Pongamia pinnata</i>	Pungam	புங்கம்


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC -TN

40	<i>Prenna mollissima</i>	Munnai	முன்னை
41	<i>Prenna serratifolia</i>	Narumunai	நறு முன்னை
42	<i>Prenna tomentosa</i>	Malaipoovarasu	மலை பூவரசு
43	<i>Prosopis cinerea</i>	Vanni maram	வன்னி மரம்
44	<i>Pterocarpus marsupium</i>	Vengai	வேங்கை
45	<i>Pterospermum canescens</i>	Vemangu, Tada	வேண்ணாங்கு
46	<i>Pterospermum xylocarpum</i>	Polavu	புலவு
47	<i>Putranjiva roxburghii</i>	Karpala	கற்பலா
48	<i>Salvadora persica</i>	Ugaa Maram	உகா மரம்
49	<i>Sapindus emarginatus</i>	Manipungan, Soapukai	மணிப்புங்கு சோப்புக்காய்
50	<i>Saraca asoca</i>	Asoca	அசோகா
51	<i>Strobilus asper</i>	Piray maram	பிராய் மரம்
52	<i>Strychnos nuxvomica</i>	Yetti	எட்டி
53	<i>Strychnos potatorum</i>	Therthang Kottai	தேத்தான் கொட்டை
54	<i>Syzygium cumini</i>	Navai	நாவல்
55	<i>Terminalia belleric</i>	Thandri	தாண்ட்ரி
56	<i>Terminalia arjuna</i>	Ven marudhu	வேண் மருது
57	<i>Toona ciliata</i>	Sandhana vembu	சந்தன வேம்பு
58	<i>Thespesia populnea</i>	Puvarasu	பூவரசு
59	<i>Walsouria trifoliata</i>	valsura	வால்குரா
60	<i>Wrightia tinctoria</i>	Veppalai	வேப்பாலை
61	<i>Pithecellobium dulce</i>	Kodukkapuli	கொடுக்காப்புளி


MEMBER SECRETARY
SEAC -TN



CHAIRMAN
SEAC- TN

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

-----சுரங்கம்

சுரங்கங்களில் குவாரி செயல்பாடுகளுக்கான சுற்றுத்தழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SEAA/----- தேதியிடப்பட்டு சுற்றுத்தழல் அனுமதி _____ தேதி வரை செல்லத்தக்கதாக உள்ளது.

பகமை பகுதி வளர்ச்சி	குவாரியின் எல்லைவரை சுற்றி வேலி அமைக்க வேண்டும்.
மேம்பாட்டுக்கான சுரங்கத் திட்டம்	சாங்கப்பாளையின் ஆழம் தளமட்டத்திலிருந்து மீட்டர்க்கு மிகாமல் இருக்க வேண்டும்.
	காற்றில் மாக ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும்.
நடப்பட்டு	வாகனங்கள் செல்லும் பாதையில் மாக ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்.
பராமரிக்கப்பட வேண்டிய மரங்கள் எண்ணிக்கை:	இரைச்சல் அளவையும் தூசி மாகபாட்டையும் குறைப்பதற்காக குவாரியின் எல்லைவரை சுற்றி அடர்த்தியான பசுமை பகுதியை ஏற்படுத்த வேண்டும்.
சுரங்கத்தில் வெடி வைக்கும்பொழுது நில அதிர்வுகள் ஏற்படாதவாறும் மற்றும் சுற்கள் பறக்காதவாறும் பாதுகாப்பு நடவடிக்கைகளை உன்னிப்பாக செயல்படுத்தப்பட வேண்டும்.	
சுரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டிசிபல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற் கொள்ள வேண்டும்.	
சுரங்க சட்ட விதிகள் 1955ன் கீழ் சுரங்கத்தில் உள்ள பணியாளர்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு சுகாதாரமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.	
கிராமம் அல்லது பஞ்சாயத்து வழியாக வாகனங்கள் செல்லும் சாலைவரை தொடர்ந்து நன்கு பராமரிக்க வேண்டும்.	
சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் நீர்நிலைகள் பாதிக்கப்படக் கூடாது.	
நீர்நிலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் நிலத்தடி நீரின் தாத்தினை தொடர்ந்து கண்காணிக்க வேண்டும்.	
சுரங்கத்திலிருந்து கனிம பொருட்களை எடுத்துச் செல்வது கிராம மக்களுக்கு எந்தத் சிரமத்தினையும் ஏற்படுத்தாதவாறு பாதுகாப்போடும் மற்றும் சுற்றுத்தழல் பாதிக்கவாத வண்ணம் வாகனங்களை இயக்க வேண்டும்.	
சுரங்கப்பணிகள் முடிக்கப்பட்டவுடன் சுரங்க மூடல் திட்டத்தில் உள்ளவாறு சுரங்கத்தினை மூட வேண்டும்.	
சுரங்க நடவடிக்கைகளை முடித்தபின்னர் சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளால் இடைபூறு ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்து தாவரங்கள் விலங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பசுமைப்பகுதியை உருவாக்க வேண்டும்.	
(முழுமையான நிபந்தனைகளை அறிய பாரிவேஷ (http://parivesh.nic.in) என்கிற இணையதளத்தைப் பார்வையிடவும். மேலும் எந்தவித சுற்றுத்தழல் சார்ந்த புகார்களுக்கு சென்னையில் உள்ள சுற்றுத்தழல் மற்றும் வன அமைச்சகத்தின் ஓயுங்கிணைந்த வட்டார அலுவலகம்: 044 - 38223325 (அல்லது) தமிழ்நாடு மாக கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுத்தழல் பொறியாளரை அணுகவும்.	


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN