

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of 279th Meeting of the State Expert Appraisal Committee (SEAC) held on 28th May 2022 (Saturday) at SEIAA Conference Hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for consideration of Building Construction Projects & Mining Projects

Agenda No: 279-1

(File No: 8903/2021)

Proposed Rough Stone quarry lease over an extent of 1.60.0 Ha in S. F. Nos. 412/11 (Part-4) of Palamathi Village, Vellore Taluk, Vellore District, Tamil Nadu by Thiru H. Kirubasankar, for Environmental Clearance (SIA/TN/MIN/238277/2022 Dated 06.01.2022)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. During the meeting it was noted that both the project proponent and EIA Coordinator were absent. SEAC therefore, decided to defer the proposal and call for the explanation of the PP.

Agenda No: 279-2

(File No: 8938/2022)

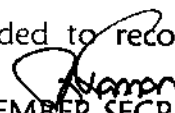
Proposed Gravel quarry lease over an extent of 4.97.84 Ha in S. F. Nos. 1067, 1068, 1069/2, 1092/2, 332/5, 33/1D, 1092/1, 333/1C, 1093/1B, 330/1B2 & 331/2 of Kambiliampatti Village, Dindigul East Taluk, Dindigul District, Tamil Nadu by Thiru V. Selvam, for Environmental Clearance (SIA/TN/MIN/252762/2022 Dated 22.01.2022)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. 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, Thiru V. Selvam has applied for Environmental Clearance for proposed Gravel quarry lease over an extent of 4.97.84 Ha in S.F.Nos. 1067, 1068, 1069/2, 1092/2, 332/5, 33/1D, 1092/1, 333/1C, 1093/1B, 330/1B2 & 331/2 of Kambiliampatti Village, Dindigul East 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 2 years. The production as per mining plan for 2 years is not to exceed 264113 cu.m. of Gravel with ultimate depth – 9.5m (7m AGL + 2.5m BGL)

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


MEMBER SECRETARY
SEAC -TN

1


CHAIRMAN
SEAC- TN

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

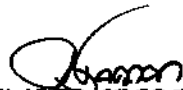
1. The PP shall plant 2400 nos. of tree saplings (with saucering type of soil working) around the project site and on both sides of the haulage road within one year from the commencement of operation.
2. The proponent shall mandatorily appoint the required number of statutory officials and the competent persons in relevant to the proposed quarry size as per the provisions of Mines Act 1952 and Metalliferous Mines Regulations, 1961.
3. 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.
4. Perennial maintenance of haulage road/village / Panchayat Road shall be done by the project proponent as required in connection with the concerned Govt. 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 mineral, and top soil etc.. No change in basic mining proposal like mining technology, total excavation, mineral & top soil 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 top soil generated during the mining operations shall be stacked at earmarked site(s) only.
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.

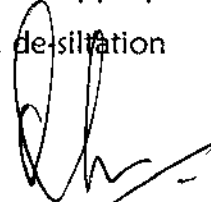

MEMBER SECRETARY
SEAC -TN

2


CHAIRMAN
SEAC- TN

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 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.
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:** The Project proponent shall take appropriate measures 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, etc. Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
13. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
14. 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 desilting


MEMBER SECRETARY
SEAC -TN



CHAIRMAN
SEAC- TN

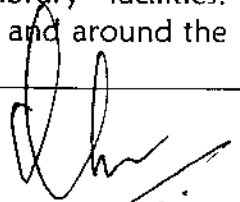
- indicating the possible silt content and size in case of any agricultural land exists around the quarry.
15. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
 16. The proponent shall ensure that the transportation of the quarried materials 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.
 17. 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.
 18. 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.
 19. 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.
 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 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.
 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 & 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.
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.
26. 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.
27. 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).
28. 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.
29. As accepted by the Project proponent the CER cost is Rs. 7 lakhs and the amount shall be spent for the following activities in Sri Narasiman Middle School before obtaining CTO from TNPCB.

Providing solar powered smart classrooms. Developing library facilities. Improving toilets & Drinking water facilities. Planting of trees in and around the school (As per Appendix-I).


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Agenda No: 279-3

(File No: 8939/2022)

Proposed Multi Colour Granite quarry lease over an extent of 2.30.0 Ha in S. F. Nos. 141/3B, 141/3D, 141/8A, 141/8B, 141/8C, 141/8D, of Mangudi Village, Illuppur Taluk, Pudukkottai District, Tamil Nadu by M/s. Shine Granites, for Environmental Clearance (SIA/TN/MIN/250444/2022 Dated 07.01.2022)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. 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:

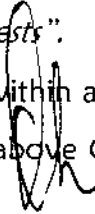
1. The Project Proponent, M/s. Shine Granites has applied for Environmental Clearance for the proposed Multi Colour Granite quarry lease over an extent of 2.30.0 Ha in S. F. Nos. 141/3B, 141/3D, 141/8A, 141/8B, 141/8C, 141/8D, of Mangudi Village, Illuppur Taluk, Pudukkottai District, Tamil Nadu.
2. The 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 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 ROM- 51,940 cu. & 20,776 cu.m. of Multi Colour granite. The Annual peak production is ROM- 14585 cu.m.(1st year) & 5834 cu.m. of Colour granite (1st year).The ultimate depth of mining- 27 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 Koonankadu South 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


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Committee, therefore, decided not to recommend the proposal.

Agenda No: 279-4

(File No: 8942/2022)

Proposed Gravel quarry lease over an extent of 2.83.5 Ha in S. F. Nos. 175/7A of Vennavalkudi Village, Alangudi Taluk, Pudukkottai District, Tamil Nadu by Thiru S. Chandrasekar, for Environmental Clearance (SIA/TN/MIN/253307/2022 Dated 25.01.2022)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. During the meeting neither PP nor EIA Co ordinator not present. SEAC, therefore, decided to defer the proposal and call for the explanation of the PP.

Agenda No: 279-5

(File No: 8944/2022)

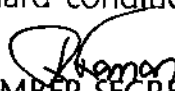
Proposed Rough Stone and Gravel quarry lease over an extent of 1.54.0 Ha in S. F. No. 251/1A(P) of Vellalankottai Village, Kayathar Taluk, Thoothukudi District, Tamil Nadu by Thiru M.Vasamuthu, No.258, Subramaniyapuram Colony 9th Street, Sivakasi Taluk, Virudhunagr District for Environmental Clearance (SIA/TN/MIN/253179/2021/Dated 25.01.2022)

The proposal was placed in this 279th Meeting of SEAC held on 27.05.2022. 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, Thiru M. Vasamuthu has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 1.54.0 Ha in S. F. No. 251/1A(P) of Vellalankottai Village, Kayathar Taluk, Thoothukudi District, Tamil Nadu.
2. The proposed quarry/activity would fall 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 190600 Cu.m of Rough stone & 22748 cu.m. of Gravel. The Annual peak production is 39450 cu.m of Rough stone(2nd year) & 10528 cu.m. of Gravel (1st year). The ultimate depth of mining- 42 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


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

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 PP shall maintain haulage road through Namakkunname Scheme .
3. The PP shall furnish slope stability action plan for the planned working/ultimate benches as the depth of the proposed quarry is exceeding 40 m, before obtaining CTO from TNPCB.
4. The mine manager and other statutory competent persons such as blaster (or) mine mate shall be appointed before the commencement of mining 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 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 Manjanambikinaru Village, Thoothukudi District before obtaining CTO from TNPCB.

Providing Children's Park. Developing library facilities. Improving toilets & Drinking water facilities. Providing laptop, benches/desks & chairs. Planting of trees in and around the school (As per Appendix-I).

Agenda No: 279-6


(File No: 8945/2022)

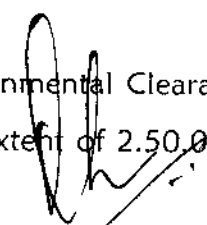
Proposed Rough Stone and Gravel quarry lease over an extent of 2.50.0 Ha in S.F.No. 420/1 of Kattalamkulam Village, Thoothukudi Taluk, Thoothukudi District, Tamil Nadu by Tmt. Parimaladevi for Environmental Clearance (SIA/TN/MIN/253179/2022 Dated 25.01.2022)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. 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. Parimaladevi has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 2.50.0 Ha


MEMBER SECRETARY
SEAC -TN

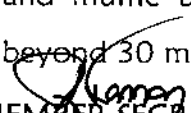

CHAIRMAN
SEAC- TN

in S.F.No. 420/1 of Kattalamkulam Village, Thoothukudi Taluk, Thoothukudi District, Tamil Nadu

2. The proposed quarry/activity would fall 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 - 3,99,000 cu.m of Rough Stone, 60,750 cu.m -Weathered rock, and 40,500 cu.m of Gravel. The Annual peak production is 82,875cu.m of Rough stone (4th year), 17,550 Cu.m Gravel (1st year) & 26,325cu.m. of Weathered Rock (1st year). The ultimate depth of mining is fixed at 45 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 PP shall furnish slope stability action plan for the planned working/ultimate benches as the depth of the proposed quarry is exceeding 40 m, before obtaining CTO from TNPCB.
3. The mine manager and other statutory competent persons (Mine Mate/Blaster) shall be appointed before production the commencement of mining operation.
4. The PP shall carry out the scientific studies to assess the slope stability of the benches and 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. 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.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

6. The haul road connecting the old abandoned quarry and proposed quarry shall be strengthened from the proposed quarry area by leaving adequate width of barrier with maintaining safety berms at proper 5 m interval with required angle of safety.
7. Since the proposed project located 8.3 KM from ESZ of Vallanadu Black Buck Wild Life Sanctuary , as per OM No. F.No.23-43/2018-IA.III Dt. 8.8.2019, para 4(ii), the PP shall remit Rs 10 lakh to DFO, Thoothukudi, to carry out appropriate conservation measures, like creation of water holes, planting of trees and shrubs that provide forage to wild animals before obtaining CTO from TNPCB.
8. 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.

Agenda No: 279-7

(File No: 8947/2021)

Proposed Rough Stone and Gravel quarry lease over an extent of 4.90.0 Ha in S. F. Nos. 1342/15, 1342/17(P), 1342/18, 1342/19, 1342/22, 1342/23 & 1342/25 of Melmangalam Bit-I Village, Periyakulam Taluk, Theni District, Tamil Nadu by Thiru M. Sannasi for Environmental Clearance (SIA/TN/MIN/244239/2021 Dated 10.12.2022)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. 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, Thiru M. Sannasi has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 4.90.0 Ha in S. F. Nos. 1342/15, 1342/17(P), 1342/18, 1342/19, 1342/22, 1342/23 & 1342/25 of Melmangalam Bit-I Village, Periyakulam Taluk, Theni District, Tamil Nadu
2. The proposed quarry/activity would fall 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 - 648465 cu.m of Rough Stone and 67734 cu.m of Gravel. The Annual peak production is 137425cu.m of Rough stone(1st year) & 22462 Cu.m


MEMBER SECRETARY
SEAC -TN


10


CHAIRMAN
SEAC- TN

of Gravel (1st year). The ultimate depth of mining is fixed at 44 metres below GL

Based on the presentation and documents furnished by the project proponent and considering mining safety, SEAC recommended to remove the lowest bench , accordingly recommend the proposal for the grant of Environmental Clearance, for the production 640730 cu.m. of Rough Stone & 67734 cu.m of Gravel with the ultimate depth of mining is 44m 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 PP shall furnish slope stability action plan for the planned working/ultimate benches as the depth of the proposed quarry is exceeding 40 m, before obtaining CTO from TNPCB.
3. The mine manager and other statutory competent persons such as blaster (or) mine mate shall be appointed before the commencement of mining operation.
4. The PP shall carry out the scientific studies to assess the slope stability of the benches and 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. The PP shall carry out maximum of two rounds of controlled blast only per day, restricted to the maximum of 50 Nos of holes per round with maintaining maximum charge per delay of not exceeding 0.650 kg/round to ensure the environmentally acceptable blasting operation. The PP shall also ensure an interval of atleast 30 minutes is maintained between these rounds of blast.
6. As per the MoEF& CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall adhere to the EMP furnished.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

7. 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 Primary School Periyakulam & Govt Hr Sec School Vadugapatti before obtaining CTO from TNPCB.

Construction of toilets. Construction of hand washing unit. Tree plantation in and around the school/project site – 2000 Nos. Providing Environment related books to school library. Tree Plantation in and around the School (as per appendix-1).

Agenda No: 279-8

(File No: 8948/2022)

Proposed Rough Stone and Gravel quarry lease over an extent of 1.56.5 Ha in S. F. No. 563/2D, 563/4A & 572/2 of Lembalakudi Village, Thiumayam Taluk, Pudukkottai District, Tamil Nadu by Thiru R. Vadivelu, for Environmental Clearance (SIA/TN/MIN/253690/2021 Dated 28.01.2022)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. 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, Thiru R. Vadivelu has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 1.56.5 Ha in S. F. No. 563/2D, 563/4A & 572/2 of Lembalakudi Village, Thiumayam Taluk, Pudukkottai District, Tamil Nadu
2. The proposed quarry/activity would fall 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 - 1,73,370 cu.m of Rough Stone and 20,242 cu.m of Gravel. The Annual peak production is 46485cu.m of Rough stone(1st year) & 20,242 Cu.m of Gravel (1st year). The ultimate depth of mining- 37 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


MEMBER SECRETARY
SEAC -TN

12


CHAIRMAN
SEAC- TN

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 Kulamangalam 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: 279-9


(File No: 8949/2022)

Proposed Rough Stone and Gravel quarry lease over an extent of 4.49.0 Ha in S.F.No. 2/4B, 2/4C, 2/5, 3/2A, 3/2B1, 3/2B2, 3/3A, 3/3B, 4/5 & 3/4B of Melakadamangalam Village, Aruppukkottai Taluk, Virudhunagar District, Tamil Nadu by M/s. Vishnusurya Projects and Infra Private Lts for Environmental Clearance (SIA/TN/MIN/253552/ 2022 Dated 27.01.2022)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. 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, M/s. Vishnusurya Projects and Infra Private Ltd. has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 4.49.0 Ha in S.F.No. 2/4B, 2/4C, 2/5, 3/2A, 3/2B1, 3/2B2, 3/3A, 3/3B, 4/5 & 3/4B of Melakadamangalam Village, Aruppukkottai Taluk, Virudhunagar District, Tamil Nadu
2. The proposed quarry/activity would fall 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 - 8,34,312 cu.m. of Rough Stone, 1,38,312 CU.M. OF Weatered Gravel and 73,414 cu.m. of Gravel. The Annual peak production is 173448cu.m of Rough stone(4th year), 68700 Cu.m Weathered Gravel (1st year) & 37908


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

Cu.m of Gravel (1st year). The ultimate depth of mining- 54 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 PP shall plant 2000 nos. of plantation (with saucering type of soil working) around the project site within one year from the commencement of operation. Plantation on both sides of the haulage road as per Appendix I should be ensured.
3. The PP shall furnish slope stability action plan for the planned working/ultimate benches as the depth of the proposed quarry is exceeding 40 m, before obtaining CTO from TNPCB.
4. The PP shall appoint a full-time statutory mine manager and other competent persons such as blaster (or) mine mate before the commencement of mining operation.
5. The PP shall carry out the scientific studies to assess the slope stability of the benches and 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. The PP shall carry out the controlled blasting techniques involving line drilling & muffle blasting such that the ground vibration is restricted to the DGMS permissible limits and no fly rock is produced beyond 30 m.
7. 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.
8. 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


MEMBER SECRETARY
SEAC -TN

14


CHAIRMAN
SEAC- TN

School Melkandamangalam & Govt Hr Sec School Puliyurin Village before obtaining CTO from TNPCB.

Installation of smart classrooms, Construction of Children's park. Providing Computers. Providing environment related books to school library. Tree planting in and around the school (as per appendix-1).

Agenda No: 279-10

(File No: 8950/2021)

Proposed Rough Stone and Gravel quarry lease over an extent of 3.66.5 Ha in S.F. Nos. 219/3E(P), 219/3F2(P), 219/3G, 220/3D1, 220/3D2B, 220/3A, 220/3B & 220/3C of Kolarpatti Village, Pollachi Taluk, Coimbatore District, Tamil Nadu by Thiru T.T. Satheesan for Environmental Clearance (SIA/TN/MIN/236552/2021 Dated 30.12.2021)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. 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, Thiru T.T. Satheesan, has applied for the Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 3.66.5 Ha in S.F. Nos. 219/3E(P), 219/3F2(P), 219/3G, 220/3D1, 220/3D2B, 220/3A, 220/3B & 220/3C of Kolarpatti Village, Pollachi Taluk, Coimbatore District, Tamil Nadu
2. The proposed quarry/activity would fall 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 - 2,74,865 cu.m. of Rough Stone and 9,662 cu.m. of Gravel. The Annual peak production is 64480cu.m of Rough stone(3rd year) & 4488 Cu.m of Gravel (1st year). The ultimate depth of mining- 42 metres below GL

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


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

1. As the PAP (Parambikulam Azhiyar Project) canal is located adjacent to the project site, the PP shall obtain NOC from PWD/Irrigation Department.
2. The width of the bottom most layer of the quarry as per mining plan should not be less than 12 metres. Accordingly, the revised mining plan shall be produced.

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

Agenda No: 279-11

(File No: 8951/2022)

Proposed Rough Stone and Gravel quarry lease over an extent of 2.64.32 Ha in S.F.Nos. 4/5, 4/6A, 4/6B, 4/6C & 4/7B2 of Septankulam Village, Vandavasi Taluk, Tiruvannamalai District, Tamil Nadu by Thiru M.S. Haribabu for Environmental Clearance (SIA/TN/MIN/251839/2022 Dated 31.01.2022)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

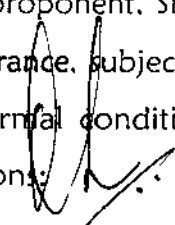
The SEAC noted the following:

1. The Project Proponent, Thiru M.S. Haribabu has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 2.64.32 Ha in S.F.Nos. 4/5, 4/6A, 4/6B, 4/6C & 4/7B2 of Septankulam Village, Vandavasi Taluk, Tiruvannamalai District, Tamil Nadu
2. The proposed quarry/activity would fall 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 plan for the period is 5 years. The quantum of mining for the entire 5 year period should not exceed - 2,94,025 cu.m. of Rough Stone and 35,640 cu.m. of Gravel. The Annual peak production is 58990 Cu.m of Rough stone(3rd year) & 24194 Cu.m of Gravel (1st year). The ultimate depth of mining- 27 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:


MEMBER SECRETARY
SEAC -TN

16


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 PP shall furnish the NOC from the Revenue Dept with respect to the abandoned Poultry Farm shed before obtaining CTO.
 3. The PP shall furnish slope stability action plan for the planned working/ultimate benches as the depth of the proposed quarry is exceeding 40 m, before obtaining CTO from TNPCB.
 4. The PP shall appoint a full-time statutory mine manager and other competent persons such as blaster (or) mine mate before the commencement of mining operation.
 5. The PP shall carry out the scientific studies to assess the slope stability of the benches and 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. The PP shall carry out the controlled blasting techniques involving line drilling & muffle blasting such that the ground vibration is restricted to the DGMS permissible limits and no fly rock is produced beyond 30 m.
1. 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.
 2. As accepted by the Project proponent the CER cost is Rs. 8 lakhs and the amount shall be spent for the following activities in Govt Primary School , & Govt Hr Sec School, Septankulam Village before obtaining CTO from TNPCB.

Providing chairs and benches for students. Providing safe drinking water & sanitation facilities. Providing environment related books to school library. Tree Plantation 200 Nos in and around the School (as per appendix-1).

Agenda No: 279-12

(File No: 8952/2022)

Proposed Rough Stone and Gravel quarry lease over an extent of 1,78.0 Ha in S.F.Nos. 419/2 & 421 of Kangarakottai Village, Vembkottai Taluk, Virudhunagar District, Tamil Nadu by Thiru K. Niraj for Environmental Clearance (SIA/TN/MIN/249658/2022 Dated 10.01.2022)


MEMBER SECRETARY
SEAC -TN

17


CHAIRMAN
SEAC- TN

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. During the meeting SEAC noted that neither PP nor EIA Co ordinator present. Thereby SEAC decided to defer the proposal and call for the explanation for not attending the meeting.

Agenda No: 279-13

(File No: 8959/2022)

Proposed Rough Stone and Gravel quarry lease over an extent of 1.18.0 Ha in S.F.Nos. 396/5, 396/6, 396/7, 392./8, 396/9, 396/10, 396/11 & 396/12 of Madathur Village, Alangulam Taluk, Tenkasi District, Tamil Nadu by Thiru K.G. Ajithkumar for Environmental Clearance (SIA/TN/MIN/252163/2022 Dated 22.01.2022)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. 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, Thiru K.G. Ajithkumar has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 1.18.0 Ha in S.F.Nos. 396/5, 396/6, 396/7, 392./8, 396/9, 396/10, 396/11 & 396/12 of Madathur Village, Alangulam Taluk, Tenksi District, Tamil Nadu
2. The proposed quarry/activity would fall 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 5 years. The quantum of mining for the entire 5 year period should not exceed - 112950 cu.m. of Rough Stone and 28182 cu.m. of Gravel. The Annual peak production is 22810 Cu.m of Rough stone(2nd, 3rd & 4th year) & 8601 Cu.m of Gravel (1st year). The ultimate depth of mining is fixed at 28 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


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

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

2. The PP shall appoint a full-time statutory mine manager and other competent persons such as blaster (or) mine mate before the commencement of mining operation.
3. The PP shall carry out the controlled blasting techniques involving line drilling & muffle blasting such that the ground vibration is restricted to the DGMS permissible limits and no fly rock is produced beyond 30 m.
4. The PP shall carry out maximum of two rounds of controlled blast only per day, restricted to the maximum of 40 Nos of holes per round with maintaining maximum charge per delay of not exceeding 0.650 kg/round to ensure the environmentally acceptable blasting operation. The PP shall also ensure an interval of atleast 30 minutes is maintained between these rounds of blast.
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 Govt school at Kadayam before obtaining CTO from TNPCB.

Providing chairs and benches for students. Providing safe drinking water & sanitation facilities. Providing environment related books to school library. Tree Plantation 200 Nos in and around the School (as per appendix-1).

Agenda No: 279-14

(File No: 8960/2022)

Proposed Rough Stone and Gravel quarry lease over an extent of 3.80.85 Ha in S.F.Nos. 175/11,12,13,14,15(P),20(P), 21(P) & 556/1A(P) of Koothiparai Village, Aruppukkottai Taluk, Virudhunagar District, Tamil Nadu by Thiru S. Srinivasa Perumal for Environmental Clearance (SIA/TN/MIN/253042/2022 Dated 29.01.2022)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. 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, Thiru S. Srinivasa Perumal has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of


MEMBER SECRETARY
SEAC -TN

19


CHAIRMAN
SEAC- TN


3.80.85 Ha in S.F.Nos. 175/11,12,13,14,15(P),20(P), 21(P) & 556/1A(P) of Koothiparai Village, Aruppukkottai Taluk, Virudhunagar District, Tamil Nadu

2. The proposed quarry/activity would fall 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 plan for the period is 10 years. The quantum of mining for the entire 10 year period should not exceed - 7,35,000 cu.m. of Rough Stone, 1,29,360 Cu.m of Gravel and 20,068 cu.m. of Earth . The Annual peak production is 93275 Cu.m of Rough stone(9th year), 35280 Cu.m of Gravel (1st year) & 20068 Cu.m of Earth (1st year). The ultimate depth of mining- 48 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 PP shall furnish slope stability action plan for the planned working/ultimate benches as the depth of the proposed quarry is exceeding 40 m, before obtaining CTO from TNPCB.
3. The PP shall appoint a full-time statutory mine manager and other competent persons such as blaster (or) mine mate before the commencement of mining operation.
4. The PP shall carry out the scientific studies to assess the slope stability of the benches and 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.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

4. The PP shall carry out the controlled blasting techniques involving line drilling & muffle blasting such that the ground vibration is restricted to the DGMS permissible limits and no fly rock is produced beyond 30 m.
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. 10 lakhs and the amount shall be spent for the following activities in Government Higher Secondary School, Malaipatti before obtaining CTO from TNPCB.

Renovation of school compound wall. Providing 6 numbers of computers & CCTV Camera. Provision of RO drinking water facilities. Providing books with racks to the school library. Tree plantation in and around the school (as per appendix-1).

Agenda No: 279-15

(File No: 8961/2022)

Proposed Rough Stone and Gravel quarry lease over an extent of 0.90.0 Ha in S.F.Nos. 420/3 & 420/7 of Palamathi Village, Vellore Taluk, Vellore District by Dr. V.S. Vijay for Environmental Clearance (SIA/TN/MIN/251114/2022 Dated 13.01.2022)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. 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, Thiru V.S. Vijay has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 0.90.0 Ha in S.F.Nos. 420/3 & 420/7 of Palamathi Village, Vellore Taluk, Vellore District, Tamil Nadu
2. The proposed quarry/activity would fall 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 5 years. The quantum of mining for the entire 5 year period should not exceed - 32,420 cu.m. of Rough Stone and 6,630 Cu.m of Gravel. The ultimate


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

depth of mining- 22 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 Palamathi R.F 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: 279-16


(File No: 8962/2022)

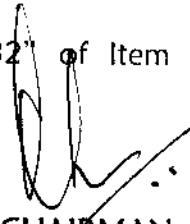
Proposed Grey Granite quarry lease over an extent of 3.23.0 Ha in S.F.Nos. 421/8(P), 421/9, 444/1A(P), 444/1B(P) & 445(P) of Jagadevipalayam Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu by Tmt. J. sivakami for Environmental Clearance (SIA/TN/MIN/253874/2022 Dated 28.01.2022)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. 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. J. Sivakami has applied for Environmental Clearance for the proposed Grey Granite quarry lease over an extent of 3.23.0 Ha in S.F.Nos. 421/8(P), 421/9, 444/1A(P), 444/1B(P) & 445(P) of Jagadevipalayam Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu
2. The proposed quarry/activity would fall 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 20 years and the mining plan for the period is 5 years. The quantum of mining for the entire 5 year period should not exceed – ROM- 26495 cu.m. & 10598 Cu.m of Grey granite . The Annual peak production is 5880 Cu.m of ROM (2ND year) & 2352 Cu.m of Grey granite (1st year). The ultimate depth of mining- 29 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. 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.
3. As accepted by the Project proponent the CER cost is Rs. 7 lakhs and the amount shall be spent for the following activities in Government High School, Kondapanayanapalli & Govt Primary School, Jittanpalli before obtaining CTO from TNPCB.

Providing smart classrooms, chairs and benches for students. Providing safe drinking water & sanitation facilities. Providing environment related books to school library. Tree Plantation 200 Nos in and around the School (as per appendix-1).

Agenda No: 279-17

(File No: 8970/2021)

Proposed Rough Stone and Gravel quarry lease over an extent of 3.12.50 Ha in S.F.No. 346/2 & 346/3 of Murugambakkam Village, Maduranthagam Taluk and Chengalpattu District, Tamil Nadu by Tmt. B. Saraswathy, for Environmental Clearance (SIA/TN/MIN/245227/2021 Dated 20.12.2021)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. 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:


MEMBER SECRETARY
SEAC -TN

23


CHAIRMAN
SEAC- TN

1. The Project Proponent, Tmt. B. Saraswathi has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 3.12.50 Ha in S.F.No. 346/2 & 346/3 of Murugambakkam Village, Maduranthagam Taluk and Chengalpattu District, Tamil Nadu
2. The proposed quarry/activity would fall 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 5 years. The quantum of mining for the entire 5 year period should not exceed – 500110 cu.m of Rough Stone, 35802 Cu.m of Gravel and 23100 Cu.m of Weathered rock . The Annual peak production is 106305 cu.m of Rough Stone (4th year), 35802 Cu.m of Gravel (1st year) and 23100 Cu.m of Weathered rock(1st year). The ultimate depth of mining- 45 metres below GL

Based on the presentation and documents furnished by the project proponent, SEAC noted that Vedanthangal Birds Sanctuary is located at 9.6 km from the proposed quarry and decided not to recommend the proposal.

Agenda No: 279-18

(File No. 8971/ 2022)

Proposed Rough Stone and Gravel quarry lease over an extent of 1.27.0 Ha in S.F.No. 176/6 and 177/5 of Vijyarengapuram Village, Vembakkottai Taluk, Virudhunagar District, Tamil Nadu by Tmt K. Suthanthiradevi for Environmental Clearance (SIA/TN/MIN/253155/2022 Dated 2.2.2022)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. The project proponent gave detailed presentation. The details of the project furnished by the proponent are available in the website (parivesh.nic.in).

From the presentation made by the Project Proponent and after perusal of the records furnished by the Project Proponent, The SEAC noted the following:

1. The Project Proponent, Tmt. K. Suthanthiradevi has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 1.27.0 Ha in S.F.No. 176/6 and 177/5 of Vijyarengapuram Village, Vembakkottai Taluk, Virudhunagar District, Tamil Nadu


MEMBER SECRETARY
SEAC -TN

24


CHAIRMAN
SEAC- TN

2. The proposed quarry/activity would fall 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 plan for the period is 5 years. The quantum of mining for the entire 5 year period should not exceed – 86680 cu.m of Rough Stone, 33600 Cu.m of Gravel and 7505 Cu.m of Weathered rock. The Annual peak production is 17640 cu.m of Rough Stone (3rd year), 3555 Cu.m of Gravel (1st year) and 33600 Cu.m of Weathered rock(1st year). The ultimate depth of mining- 20 metres below GL

Based on the presentation and documents furnished by the project proponent, SEAC noted that two number of firecracker manufacturing units along with storage magazines are located at a distance of 165 m & 240 metres from the proposed quarry limit. SEAC, therefore, decided not to recommend the proposal.


Agenda No: 279-19
(File No. 8784/ 2022)

Proposed Rough Stone and Gravel quarry lease over an extent of 1.34.5 Ha in 17/4 & 17/5 of Varagur Village, Thandrapattu Taluk, Tiruvannamalai District, Tamil Nadu by Thiru.M.Vinoth Kannan for Environmental Clearance (SIA/TN/MIN/254077/2022, Dt: 30.01.2022)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. 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, Thiru.M.Vinoth Kannan has applied for Environmental Clearance for the proposed Rough Stone and Gravel quarry lease over an extent of 1.34.5 Ha in 17/4 & 17/5 of Varagur Village, Thandrapattu Taluk, Tiruvannamalai District, Tamil Nadu.
2. The proposed quarry/activity would fall 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 5 years and the mining plan for the period is 5 years. The quantum of mining for the entire 5 year period should not exceed – 35,380 cu.m of Rough Stone and 12,456 Cu.m of Gravel . The Annual peak production is 7440 cu.m of Rough Stone (1st & 2nd year) & 5306 Cu.m of Gravel (2nd year). The ultimate depth of mining- 12 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 Radhapuram R.F 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. 279-20
(8784/2021)

Proposed Development of Industrial Park located at S.F.No. 37/1, 37/2, 37/3, 38/1, 38/2, 38/3, 38/4, 39/1, 39/2, 39/3, 40, 41/1, 41/2, 41/3, 41/4, 41/5, 41/6, 41/7, 42/1, 42/2A, 42/2B, 42/3, 42/4, 42/5, 42/6, 43/1, 43/2, 43/3A, 43/3B, 43/3C, 43/3D, 44/1, 44/2, 45, 46/1A, 46/1B, 46/1C, 46/2, 46/3, 46/4, 46/5A1, 46/5A2, 46/5B, 47/1, 47/2A, 47/2B, 47/2C, 47/3, 47/4, 47/5A, 47/5B, 47/6, 47/7A, 47/7B, 48/1, 48/2A, 48/2B, 49/1, 49/2, 49/3A, 49/3B, 49/4, 50/1A, 50/1B, 50/2A, 50/2B, 50/3, 51/1, 51/2, 51/3, 51/4, 51/5, 51/6, 51/7, 52/1, 52/2, 52/3, 52/4, 53/1A1, 53/1A2, 53/1B, 53/2A, 53/2B, 53/2C, 53/3, 53/4, 53/5, 53/6A, 53/6B, 53/6C, 53/6D, 53/6E, 53/6F, 54/1, 54/2A, 54/2B, 54/2C, 54/2D, 54/2E, 54/2F, 54/2G, 54/2H, 54/2I, 54/2J, 54/2K, 54/3, 55/1A, 55/1B, 55/1C, 55/2, 55/3, 56, 57/1, 57/2, 58/1A1, 58/1A2, 58/1A3, 58/1A4, 58/1B, 58/2, 59/1, 59/2, 60/1, 60/2A, 60/2B, 60/3, 60/4, 61/1, 61/2, 62, 63/2, 63/1, 64/1, 64/2A, 64/2B, 64/2C, 64/2D, 64/2E, 64/2F, 64/2G, 64/2H, 65/1A, 65/1B, 65/1C, 65/2A, 65/2B, 65/2C, 65/3, 65/4, 65/5A, etc., of Marudhandapalli and Nallaganakothapalli Villages, Soolagiri Taluk, Krishnagiri District – For Environmental Clearance SIA/TN/MIS/76002/2021 Dt. 21.4.2022

The proposal was placed for appraisal in this 279th meeting of SEAC held on 29.5.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).


MEMBER SECRETARY
SEAC -TN



CHAIRMAN
SEAC- TN

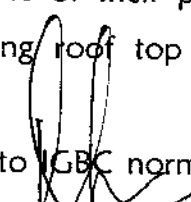
The SEAC noted the following:

1. The Project the proponent M/s.State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT) has applied for seeking Terms of Reference for the Proposed Development of Industrial Park at S.F.Nos. 37/1, 37/2, 37/3, 38/1, 38/2, 38/3, 38/4, 39/1, 39/2, 39/3, 40, 41/1, 41/2, 41/3, 41/4, 41/5, 41/6, 41/7, 42/1, 42/2A, 42/2B, 42/3, 42/4, 42/5, 42/6, 43/1, 43/2, 43/3A, 43/3B, 43/3C, 43/3D, 44/1, 44/2, 45, 46/1A, 46/1B, 46/1C, 46/2, 46/3, 46/4, 46/5A1, 46/5A2, 46/5B, 47/1, 47/2A, 47/2B, 47/2C, 47/3, 47/4, 47/5A, 47/5B, 47/6, 47/7A, 47/7B, 48/1, 48/2A, 48/2B, 49/1, 49/2, 49/3A, 49/3B, 49/4, 50/1A, 50/1B, 50/2A, 50/2B, 50/3, 51/1, 51/2, 51/3, 51/4, 51/5, 51/6, 51/7, 52/1, 52/2, 52/3, 52/4, 53/1A1, 53/1A2, 53/1B, 53/2A, 53/2B, 53/2C, 53/3, 53/4, 53/5, 53/6A, 53/6B, 53/6C, 53/6D, 53/6E, 53/6F, 54/1, 54/2A, 54/2B, 54/2C, 54/2D, 54/2E, 54/2F, 54/2G, 54/2H, 54/2I, 54/2J, 54/2K, 54/3, 55/1A, 55/1B, 55/1C, 55/2, 55/3, 56, 57/1, 57/2, 58/1A1, 58/1A2, 58/1A3, 58/1A4, 58/1B, 58/2, 59/1, 59/2, 60/1, 60/2A, 60/2B, 60/3, 60/4, 61/1, 61/2, 62, 63/2, 63/1, 64/1, 64/2A, 64/2B, 64/2C, 64/2D, 64/2E, 64/2F, 64/2G, 64/2H, 65/1A, 65/1B, 65/1C, 65/2A, 65/2B, 65/2C, 65/3, 65/4, 65/5A, etc., of Marudhandapalli and Nallaganakothapalli Villages, Shoolagiri Taluk, Krishnagiri District, Tamilnadu
2. The Project/activity in land area of 413.705 Ha (1021.851 Acres) under category "B1" of Item 8(b)-Townships and Area Development Projects of the Schedule to the EIA Notification 2006.
3. The PP has obtained TOR vide Lr No. Letter No.SEIAA /TN/F.No. 8784/SEAC /8(b) / ToR-1 060/ 2021 Dt.17.2.2022.

Now, the PP has furnished the EIA report and the proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. The PP has made the presentation. Based on the presentation and documents furnished by the project proponent, SEAC decided to call for the following details from the PP.

1. Since, the project site near Reserve Forest, the PP shall furnish the NOC from the Forest Department.
2. Details of number of trees at site and the number of trees proposed to be felled.
3. Excluding OSR, greenbelt area coverage should be minimum 30%.
4. Undertaking to be given by SIPCOT that all the units that come up in the Industrial Park shall strive to produce a minimum of 20% of their power requirement through renewable energy including adopting roof top solar panels.
5. SIPCOT shall ensure that the individual units shall adhere to GBC norms for


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

industrial units and shall be asked to obtain at least IGBC Gold certification.

6. Location of area earmarked for solid waste management should be reconsidered and provision should be made for storage of E-waste.
7. Desilting and deepening of water bodies and beautification cost to be included in EMP.

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

Agenda No. 279-21

(File No. 9129/2022)

Proposed Construction of New Buildings for Collectorate and other offices in S.F. Nos. 181, 179A, 93/A1 and 183 part of Venpakkam and Vedanarayanapuram Village, Chengalpattu Taluk, Chengalpattu District by the Executive Engineer, PWD, Chengalpattu for Environmental Clearance (SIA/TN/MIN/234008/2021 Dated 19.10.2021)

The proposal was placed in this 279th Meeting of SEAC held on 28.05.2022. 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 made the following observations:

1. The Project the proponent M/s. Executive Engineer, PWD has applied for Environmental Clearance for the proposed Construction of New Buildings for Collectorate and other offices in S.F. Nos. 181, 179A, 93/A1 and 183 part of Venpakkam and Vedanarayanapuram Village, Chengalpattu Taluk, Chengalpattu District Tamil Nadu.
2. The Project/activity under category "B2" of Item 8(a)- Building and Construction of the Schedule to the EIA Notification 2006.
3. The project consists - G+4 Floors & HT Room with total built up area - 29,965.78 Sq. M in 44,920.00 Sq. m.m of plot area.

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


1. The building shall conform to minimum of IGBC Gold green building norms and shall obtain IGBC certificate in this regard before obtaining CTO from TNPCB.


MEMBER SECRETARY
SEAC -TN

28



CHAIRMAN
SEAC- TN

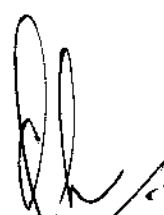
2. The PP shall provide MLCP instead of open space parking and the area released should be used for providing additional greenspace.
3. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
4. The PP shall obtain fresh water supply commitment letter and disposal of excess treated water from the local body for before obtaining CTO.
5. The project proponent shall provide STP of capacity 30 KLD and treated water shall be utilized for flushing, green belt and avenue plantation after obtaining necessary permission from competent Authority.
6. The PP shall adopt BOT contract so that the STP is maintained by the builder of STP for a minimum period of 10 years.
7. The treated/untreated sewage water shall not be let-out from the unit premises.
8. The proponent shall provide adequate organic waste disposal facility such as organic waste convertor within the project site as committed and non- bio-degradable waste to should be sent to authorized recyclers as committed.
9. The height of the stacks of DG sets shall be provided as per the CPCB norms.
10. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc, to TNPCB before obtaining CTO.
11. The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for toilet flushing, Green belt development & OSR and no treated water be let out of the premise.
12. The sludge generated from the sewage treatment plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.
13. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

14. 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 State Forest and Horticulture Departments. 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.
15. Taller/one year old saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
16. The proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
17. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.
18. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
19. No waste of any type to be disposed of in any other way other than as per the concerned regulations in force.
20. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in air, noise, solid waste disposal, sewage treatment & disposal etc., shall be followed strictly.
21. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

22. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring of the health of construction workers during COVID and post-COVID period.
23. The project proponent shall measure the criteria air pollutants data (including CO) due to vehicular traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
24. Generation of the solar/renewable energy should not be less than 10% of total energy utilization and ensure that the entire roof of the building & MLCP shall be covered with solar panel. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
25. 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.
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 include demolishing plan & its mitigation measures in the EMP and adhere the same as committed.
27. The Project Proponent stated that an amount Rs. 147 lakhs shall be spent as CER and the amount shall be spent for development of greenery and improving basic sanitation facilities in as many Govt Schools as possible in the district before obtaining CTO from TNPCB.


MEMBER SECRETARY
SEAC -TN



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
3. shall furnish the photographs/map showing the same 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 Govt. 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 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.
6. 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.
7. 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.
8. Perennial sprinkling arrangement shall be in place on the haulage road for fugitive dust suppression. Fugitive emission measurements should be carried out during the


MEMBER SECRETARY
SEAC -TN

32


CHAIRMAN
SEAC- TN

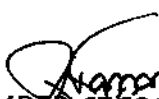
mining operation at regular intervals and submit the consolidated report to TNPCB once in six months.

9. The Proponent shall ensure that the Noise level is monitored during mining operation at the project site for all the machineries deployed and adequate noise level reduction measures undertaken accordingly. The report on the periodic monitoring shall be submitted to TNPCB once in 6 months.
10. Proper barriers to reduce noise level and dust pollution should be established by providing greenbelt along the boundary of the quarrying site and suitable working methodology to be adopted by considering the wind direction.
11. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted 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
13. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
14. 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.
15. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

16. 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.
17. The Project proponent shall ensure that the road may not be damaged due to transportation of the quarried rough stones; and transport of rough stones will be as per IRC Guidelines with respect to complying with traffic congestion and density.
18. To ensure safety measures along the boundary of the quarry site, security guards are to be posted during the entire period of the mining operation.
19. After mining operations are completed, the mine closure activities as indicated in the mine closure plan shall be strictly carried out by the Proponent fulfilling the necessary actions as assured in the Environmental Management Plan.
20. The Project proponent shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition that is fit for the growth of fodder, flora, fauna etc.
21. The Project proponent shall comply with the provisions of the Mines Act, 1952, MMR 1961 and Mines Rules 1955 for ensuring safety, health and welfare of the people working in the mines and the surrounding habitants.
22. The project proponent shall ensure that the provisions of the MMRD, 1956, the MCDR 2017 and 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.
23. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be informed to the District AD/DD(Geology and Mining) District Environmental Engineer (TNPCB) and the Director of Mines Safety (DMS), Chennai Region by the proponent without fail.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC- TN

24. The Project proponent shall abide by the annual production scheduled specified in the approved mining plan and if any deviation is observed, it will render the Project proponent liable for legal action in accordance with Environment and Mining Laws.
25. Prior clearance from Forestry & Wild Life including clearance from committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site attracts the NBWL clearance, as per the existing law from time to time.
26. All the conditions imposed by the Assistant/Deputy Director, Geology & Mining, concerned District in the mining plan approval letter and the Precise area communication letter issued by concerned District Collector should be strictly followed.
27. The 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.
28. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi in O.A.No.186 of 2016 (M.A.No.350/2016) and O.A.No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016, M.A.No.920/2016, M.A.No.1122/2016, M.A.No.12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017).



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>Aegle marmelos</i>	Vilvam	விஸ்வம்
2	<i>Adenanthura pavonina</i>	Marjadi	மஞ்சாடி ஆனைக்குன்றிமணி
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>	Aathi	ஆத்தி
7	<i>Bauhinia tomentosa</i>	Iruvathi	இருவாத்தி
8	<i>Buchanania axillaris</i>	Kattuma	காட்டுமர
9	<i>Borassus flabellifer</i>	Parai	பனை
10	<i>Butea monosperma</i>	Murukkamaram	முருக்கமரம்
11	<i>Bobax ceiba</i>	Ilavu, Sevilavu	இலவு
12	<i>Calophyllum inophyllum</i>	Purnai	புன்னை
13	<i>Cassia fistula</i>	Sarakondrai	சரக்கொன்றை
14	<i>Cassia roxburghii</i>	Sengondrai	செங்கொன்றை
15	<i>Chloroxylon sweetenia</i>	Purasamaram	புரசு மரம்
16	<i>Cochlospermum religiosum</i>	Kongu, Marjallavu	கோங்கு, மஞ்சள் இலவு
17	<i>Cordia alliodora</i>	Naruvu	நடுவளி
18	<i>Croton adansonii</i>	Mavalingum	மாவினங்கம்
19	<i>Dillenia indica</i>	Uva, Uzha	உசா
20	<i>Dillenia pentagyna</i>	SiruUva, Sitruzha	சிறு உசா
21	<i>Diospyros ebenum</i>	Karungali	கருங்காலி
22	<i>Diospyros schloroxylon</i>	Vaganai	வாகனை
23	<i>Ficus amplissima</i>	Kallitchi	கல் இச்சி
24	<i>Hibiscus tiliaceus</i>	Aatrupoovarasu	ஆறுநீர்ப்பலாசு
25	<i>Hardwickia binata</i>	Aacha	ஆச்சா
26	<i>Holoptelia integrifolia</i>	Aayili	ஆயா மரம், ஆயில்
27	<i>Lannea coromandelica</i>	Odhiam	ஒத்தியம்
28	<i>Lagerstroemia speciosa</i>	Poo Marudhu	பூ மருது
29	<i>Lepisanthus tetraphylla</i>	Neikottamaram	நெய் கொட்டை மரம்
30	<i>Limonia acidissima</i>	Vila maram	வில்லா மரம்
31	<i>Litsea glutinos</i>	Pisinpattai	பிசம்பட்டை
32	<i>Madhuca longifolia</i>	Iluppai	இலுப்பை
33	<i>Manilkara hexandra</i>	UlakkaiPaalai	உலக்கை பாலை
34	<i>Minuosops elengi</i>	Magizhamaram	மகழமரம்
35	<i>Mitragyna parvifolia</i>	Kadambu	கடம்பு
36	<i>Morinda pubescens</i>	Nuna	நுண்ணா
37	<i>Morinda citrifolia</i>	Vellai Nuna	வெள்ளை நுண்ணா
38	<i>Phoenix sylvestre</i>	Eachai	ஈச்சமரம்
39	<i>Pongamia pinnat</i>	Pungam	பங்கம்

40	<i>Premna mollissima</i>	Munnai	முன்னை
41	<i>Premna serratifolia</i>	Narumunnai	நறு முன்னை
42	<i>Premna tomentosa</i>	Malaipoovarasu	மலை பூவரசு
43	<i>Presops cinerea</i>	Vanni maram	வன்னி மரம்
44	<i>Pterocarpus marsipium</i>	Vengai	வேங்கை
45	<i>Pterospermum canescens</i>	Vennangu, Tada	வெண்ணாங்கு
46	<i>Pterospermum xylocarpum</i>	Polavu	பல்வ
47	<i>Putranjiva roxburghii</i>	Karipala	கற்பலா
48	<i>Salvadora persica</i>	Ugaa Maram	ஊகா மரம்
49	<i>Sapindus emarginatus</i>	Maripungan, Soapukai	மணிப்பங்கன் சோப்புக்காய்
50	<i>Sarcia asoca</i>	Asoca	அஸாகா
51	<i>Streblus asper</i>	Pirav maram	பீராய் மரம்
52	<i>Strychnos nuxvomica</i>	Yetti	எட்டி
53	<i>Strychnos petatorum</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	வெண் மருது
57	<i>Toona ciliata</i>	Sandhana vembu	சந்தன வேம்பு
58	<i>Thecopsis populnea</i>	Puvarasu	பூவரசு
59	<i>Walsu atrifoliata</i>	valbura	வால்கரா
60	<i>Wrightia tinctoria</i>	Veppalai	வெப்பாலை
61	<i>Pithecellobium dulce</i>	Kodukkapuli	கோடுக்காய்ப்புளி


MEMBER SECRETARY
SEAC -TN

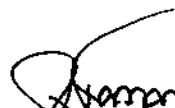

CHAIRMAN
SEAC- TN

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

-----சுரங்கம்

சுரங்கங்களில் குவாரி செயல்பாடுகளுக்கான சுற்றுச்சூழல் அனுமதி கீழ்க்கண்ட நிபந்தனைகளுக்கு உட்பட்டு வழங்கப்பட்டுள்ளது SE:AA/-----, தேதியிடப்பட்டு, சுற்றுச்சூழல் அனுமதி ----- தேதி வரை செல்லத்தக்கதாக உள்ளது.

பசுமை பகுதி வளர்ச்சி மேம்பாட்டுக்கான சுரங்கத் திட்டம்	குவாரியின் எல்லையைச் சுற்றி வேலி அமைக்க வேண்டும்.
	சுரங்கப்பாதையின் ஆழம் தளமட்டத்திலிருந்து மீட்டர்க்கு மிகாமல் இருக்க வேண்டும்.
நடப்பட்டு பராமரிக்கப்படவேண்டிய மரங்கள் எண்ணிக்கை:	காற்றில் மாசு ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும்.
	வாகனங்கள் செல்லும் பாதையில் மாசு ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் வாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்.
	இரைச்சல் அளவையும் தூசி மாசுபாட்டையும் குறைப்பதற்காக குவாரியின் எல்லையை சுற்றி அடர்த்தியான பசுமை பகுதியை ஏற்படுத்த வேண்டும்.
	சுரங்கத்தில் வெடி வைக்கும்பொழுது நிலஅதிர்வுகள் ஏற்படாதவாறும் மற்றும் சுற்கள பறக்காதவாரும் பாதுகாப்பு நடவடிக்கைகளை உன்னிப்பாக செயல்படுத்தப்பட வேண்டும்.
	சுரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டெசிபல்ஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற்கொள்ள 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 சாலைகளை தொடர்ந்து நன்கு பாாமரிக்க வேண்டும்.
	சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் நீர்நிலைகள் பாதிக்கப்படக் கூடாது.
	நீர்நிலைகள் பாதிக்கப்படாமல் இருப்பதை உறுதி செய்யும் வகையில் நிலத்தடி நீரின் தரத்தினை தொடர்ந்து கண்காணிக்க வேண்டும்.
	சுரங்கத்திலிருந்து சுனிம பொருட்களை எடுத்துச் செல்வது கிராம மக்களுக்கு எந்தத் சிரமத்தினையும் ஏற்படுத்தாதவாறு பாதுகாப்போடும் மற்றும் சுற்றுச்சூழல் பாதிக்கவாத வண்ணம் வாகனங்களை இயக்க வேண்டும்.
	சுரங்கப்பணிகள் முடிக்கப்பட்டவுடன் சுரங்க மூடல் திட்டத்தில் உள்ளவாறு சுரங்கத்தினை மூட வேண்டும்.
	சுரங்க நடவடிக்கைகளை முடித்தபின்னர் சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளால் இடையூறு ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்து தாவரங்கள் விலங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பசுமைப்பகுதியை உருவாக்க வேண்டும்.
	(முடிமையான நிபந்தனைகளை அறிய பாரிவேஷ (http://parivesh.nic.in) என்கிற இணையதளத்தைப் பார்வையிடவும் மேலும் எந்தவித சுற்றுச்சூழல் சார்ந்த புரக்களுக்கு சென்னையில் உள்ள சுற்றுச்சூழல் மற்றும் வன அமைச்சகத்தின் இலங்கைகளைத் வட்டார அலுவலகம்: 044 - 28222325 (அல்லது) தமிழ்நாடு மாசு கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுச்சூழல் பொறியாளரை அணுகவும்.


MEMBER SECRETARY
SEAC -TN


CHAIRMAN
SEAC - TN