

STATE EXPERT APPRAISAL COMMITTEE – TAMIL NADU

Minutes of the Meeting of 260th State Expert Appraisal Committee (SEAC) held on 1st April 2022 (Friday) at SEIAA Conference hall, 2nd Floor, Panagal Maligai, Saidapet, Chennai 600 015 for Appraisal of Building and Construction Projects, Townships and Area Development projects & Mining projects through online and offline mode

Agenda No.1

Extension of EC Validity of Granite quarry coterminous with mining lease period or life of mine

The question of recommending validity of Environmental Clearance for a period of 30 years or until the expiry of mining lease whichever is earlier was discussed in detail, with reference to OMs issued by MoEF, past presidencies, Court orders and practice followed in other States and the Committee decided to deliberate further in the ensuing meetings.

Agenda No: 260-2


(File No: 8353/2021)

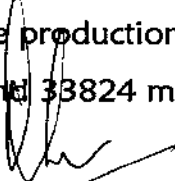
Proposed Rough Stone and gravel quarry lease area over an extent of 2.84.50 Ha at S.F No 636/1C1,636/2B,636/2C,636/2D, 636/2E, 641/1,646/1B1 646/1B2, Magaral 'B' Village, Walajabad Taluk, Kancheepuram District by Thiru.R.Sankar-For Environmental Clearance.(SIA/TN/MIN/197079/2021, dated: 13.02.2021)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.R.Sankar has applied for Environmental Clearance for the proposed Rough Stone and gravel Quarry lease area over an extent of 2.84.50 Ha at S.F No 636/1C1,636/2B,636/2C,636/2D, 636/2E, 641/1,646/1B1 646/1B2, Magaral 'B' Village, Walajabad Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The production for first 5 years not to exceed 153706 m³ of Rough stone and 33824 m³ of


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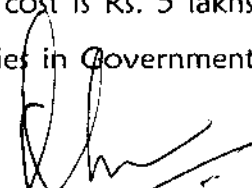
gravel. The Annual peak production as per mining plan is 32635 m³ of rough stone (5th year) and 33824 m³ of gravel (1st year) with proposed depth of 15m(BGL).

4. Earlier, this proposal was placed before 227thSEAC meeting held on 21.8.2021 and SEAC decided to ask for the following details;
 - i. The proponent shall furnish registered consent of the legal heir as per Sf.Nos
 - ii. The PP shall submit revised mining plan proposed for 5 years
5. Now the project proponent has furnished the details as sought by the committee vide Lr Dt. 28.9.2021. Based on that, this subject has again was placed before 260th SEAC Meeting held on 1.4.2022. The Project proponent made presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, 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 correct the error in Pg.No. 22 of mining plan for 1st five years, instead 4 benches shown from 46m RL to 66m RL, 3 benches from 51m RL to 66m RL (total depth 15m), before obtaining CTO from TNPCB.
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 revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Government


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Middle School, Magaral Village, Kancheepuram before obtaining CTO from TNPCB.

1. Construction/renovation of Girls toilet with 24/7 water facility including installation of incinerator.
2. Provision of table and benches.
3. Tree plantation (see appendix).
4. Books to library, specifically on environmental awareness.

Agenda No: 260-3

(File No: 8379/2021)

Proposed Rough Stone and gravel quarry lease area over an extent of 1.72.5 Ha at S.F No 1115/1,1115/2,1115/3,1115/4 &1115/5, Pirancheri Village, Manur Taluk, Tirunelveli District by Thiru. A. Chelladurai- For Environmental Clearance. (SIA/TN/MIN/199333/2021, dated: 22.02.2021)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.A.Chelladurai has applied for Environmental Clearance for the proposed Rough Stone and gravel quarry lease area over an extent of 1.72.5 Ha at S.F No 1115/1,1115/2,1115/3,1115/4 &1115/5, Pirancheri Village, Manur Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 1,04,500 m³ of Rough stone and 61,480 m³ of gravel. The Annual peak production as per mining plan is 21,000 m³ of rough stone (2nd to 5th year) and 16,960 m³ of gravel (1st year) with proposed depth of 25m(BGL).
4. Earlier, this proposal was placed before 233rd SEAC meeting held on 21.9.2021. Based on the presentation and document, furnished by the project proponent, SEAC noted that in VAO letter there is a hamlet within 300m from the site, also the VAO letter does not categorically say that there is no hamlet/habitation area within 300m. Chittaru a life line river is


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located within 300m, also there is a layout located at 170m from the site.
Hence the project proponent shall submit a revised VAO letter.

4. Now the project proponent has furnished the details as sought by the committee vide Lr Dt. 1.11.21. Based on that, this subject was again placed before 260th SEAC Meeting held on 1.4.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, 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 EMP furnished.
3. As accepted by the Project proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Government High School HM, located in Pirancheri Village, Tirunelveli District, before obtaining CTO from TNPCB.

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| <ol style="list-style-type: none">1. Construction/renovation of Girls toilet with 24/7 water facility, including installation of incinerator,2. RO Water facility.3. Tree plantation (see Appendix I).4. Books to library, specifically on environmental awareness. |
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Agenda No: 260-4

(File No: 8403/2021)

Proposed Rough Stone and gravel Quarry lease area over an extent of 1.07.62 Ha at S.F.No 166/1A,166/1B,166/2B(P),167/5A(P)&167/5B, ThuyyamPoondurai(A) Village, Modakkurichi Taluk, Erode District by Thiru.T.Subramani-For Environmental Clearance.(SIA/TN/MIN/200425/2021, dated: 26.02.2021)


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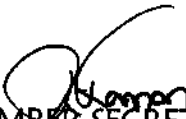

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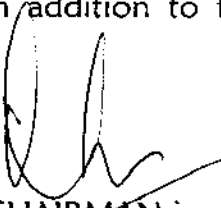
The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website(parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.T.Subramani has applied for Environmental Clearance for the Rough Stone and gravel quarry lease area over an extent of 1.07.62 Ha at S.F.No 166/1A, 166/1B, 166/2B(P), 167/5A(P) & 167/5B, ThuyyamPoondurai(A) Village, Modakkurichi Taluk, Erode District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. The production for 10 years not to exceed 111950 m³ of Rough stone and 35350 m³ of gravel. The Annual peak production as per mining plan is 13835m³ (Xth year) of rough stone and 12080 m³ (1st year) of gravel with proposed depth of 45m(BGL).
4. Earlier, this proposal was placed before 228th SEAC meeting held on 24.8.2021. Based on the presentation and document, furnished by the project proponent, SEAC noted that the PP obtained mining plan for 10 years. Hence the committee decided that the project proponent shall furnish mining plan for 5 years.
5. Now the project proponent has furnished the details as sought by the committee vide Lr Dt. 21.10.21. Based on that, this subject has again been placed before 260th SEAC Meeting held on 1.4.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

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


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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. As accepted by the Project proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Government Hr Sec School, located in ThuyyamPoondurai Village, Erode District before obtaining CTO from TNPCB.

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| <ol style="list-style-type: none"> 1. Construction/renovation of Girls toilet with 24/7 water facility, including installation of incinerator. 2. Installation of incinerator in the Girls toilet for safe disposal of sanitary napkins 3. Books to library, specifically on environmental awareness. 4. Tree plantation (see Appendix). |
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Agenda No: 260-5

(File No: 8406/2021)

Proposed gravel quarry lease area over an extent of 1.52.50 Ha at S.F.No 208A/1A, 208A /1B, 208A /2A, 208A /2B, 208A /3, 208A /5B, 208A /6, 208A /7B, 208A/7C 208A/8, 208A/9, 208A/10, 208A/11, 208A/12, 208A/13, 208A/14, 208A/15, 208A/17, 208A/18, 208A/19, 208A/20, 208A/21, 208A/22, 208A/23, 208A/24A, 208A/24BPalaiyapattiVadakkusethi Village,Budalur Taluk, Thanjavur District by Thiru. S.Selvaraj- For Environmental Clearance. (SIA/TN/MIN/200895/2021, dated: 16.08.2021)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.S.Selvaraj has applied for Environmental Clearance for the gravel Quarry lease area over an extent of 1.52.5 Ha at S.F.No 208A/1A, 208A /1B, 208A /2A, 208A /2B, 208A /3, 208A /5B, 208A /6, 208A /7B, 208A/7C 208A/8, 208A/9, 208A/10, 208A/11, 208A/12, 208A/13, 208A/14, 208A/15, 208A/17, 208A/18, 208A/19,



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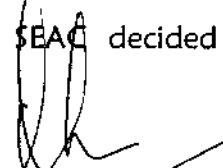

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208A/20, 208A/21, 208A/22, 208A/23, 208A/24A, 208A/24B Palaiyapatti
Vadakkusethi Village, Budalur Taluk, Thanjavur District, Tamil Nadu.

2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 3 years. The production for 3 years should not exceed 16,114 m³ of gravel. The Annual peak production as per mining plan is 5372 m³ of gravel (3rd year) with proposed depth of 2m(BGL).
6. Earlier, this proposal was placed before 228th SEAC meeting held on 24.8.2021. Based on the presentation made and the documents furnished by the Project proponent, SEAC decided since there are 3 lands with SF.No. 208A/7A, 208A/4, 208A/5A, 208A/16 which are sandwiched in between the 2 parts of the proposed mining area, it is obvious that the accessibility of the land of the third sandwiched land would be a question mark. To avoid that they have to re-plan the proposed mining area.
7. It is observed by the committee there is a Nilaviyalodai which drains into the Muppam Eri (SF.No.208A/1B) and if the proposed entire area is mined out then the water from the upstream side may not reach the Muppam Eri and the dependency of the availability of water in the Muppam Eri is jeopardized .
8. Hence the project proponent was asked to revise the mine planning area taking precautions considering the above two points and also the Nilaviyalodai should not be disturbed at any cost and the proponent has agreed to revise the mine plan. Hence the project is deferred.
9. Now the project proponent has furnished the details as sought by the Committee vide Lr Dt. 4.9.21. Based on that, this subject was again placed before 260th SEAC Meeting held on 1.4.2022.

The Project proponent has made the re presentation along with clarification for the above shortcomings observed by the SEAC. Hence, SEAC decided to

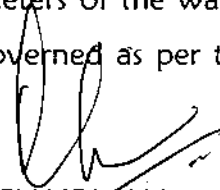

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recommend the proposal for the grant of Environmental Clearance as per the mining plan approved by Geology & mining, subject to the following standard conditions & normal conditions stipulated by MOEF & CC, in addition to the following specific conditions.

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 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


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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.
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.
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 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 in proper espacement as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices as given in the appendix-I. 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.



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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 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 compiled 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 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 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).


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25. 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.

26. As accepted by the Project proponent the revised CER cost is Rs. 1 lakh and the amount shall be spent for providing hand pump in Panchayat union primary school, Boothalur Village, Thanjavour District in consultation with HM concerned before obtaining CTO from TNPCB.

Agenda No: 260-6

(File No: 8418/2021)

Proposed gravel quarry lease area over an extent of 1.68.00Ha at S.F No 191/1C,191/2,191/4&191/5 Keeranur Village, Melur Taluk, Madurai District by Thiru V.Balachandar-For Environmental Clearance.(SIA/TN/MIN/201091/2021, dated: 02.03.2021)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru V.Balachandar has applied for Environmental Clearance for the gravel quarry lease area over an extent of 1.68.00Ha at S.F No 191/1C,191/2,191/4&191/5 Keeranur Village, Melur Taluk, Madurai District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for one year not to exceed 21,192m³ of gravel, with proposed depth of 2m(BGL). EMP cost for 1 year – Rs.4,50,000/-
4. Earlier, this proposal was placed before 228th SEAC meeting held on 24.8.2021. Based on the presentation made and the documents furnished by the Project proponent, SEAC decided that the project proponent shall obtain the soil test report for the entire depth of 2m from reputed Government institute/Government departments. On receipt of the above documents, the committee would further deliberate on this project and decide the further course of action.


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10. Now the project proponent has furnished the soil testing results analysed by University College of Engineering, Dindigul, Anna University. Based on that, this subject was placed before 260th SEAC Meeting held on 1.4.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and document furnished by the project proponent, SEAC noted that as per the report of soil analysis submitted, the percentage (%) of sand is 21.27. 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, has, inter alia, issued the following directions;

- *No quarry lease shall be granted in areas where the test results indicate the presence of Sand in the composition.*

SEAC therefore decided to not recommend the proposal for the grant of Environmental Clearance.

Agenda No: 260-7

(File No: 8423/2021)

Proposed gravel quarry lease area over an extent of 1.56.5Ha at S.F No 171/4B, 172/4B3, V.Parangini Village, Vanur Taluk, Villupuram District by Thiru.M.Yashvanth-For Environmental Clearance.(SIA/TN/MIN/202201/2021, dated: 06.03.2021)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru M.Yashvanth has applied for Environmental Clearance for the gravel quarry lease area over an extent of 1.56.5Ha at S.F No 171/4B, 172/4B3, V.Parangini Village, Vanur Taluk, Villupuram District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.


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3. The production for Two year not to exceed 21,802 m³ of gravel, with proposed depth – 2m(BGL). EMP cost for 2 year – Rs.9,13,000/-
4. Earlier, this proposal was placed before 228th SEAC meeting held on 24.8.2021. Based on the presentation made and the documents furnished by the Project proponent, SEAC decided that the project proponent shall obtain the soil test report for the entire depth of 2m from reputed Government institute/Government departments. On receipt of the above documents, the committee would further deliberate on this project and decide the further course of action.
5. Now the project proponent has furnished the soil testing results analysed by University College of Engineering Dindigul, Anna University. Based on that, this subject was again placed before 260th SEAC Meeting held on 1.4.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and document furnished by the project proponent, SEAC noted that, from the report of soil classification, the percentage (%) of sand is 22.3. 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, has, inter alia, issued the following directions:

- *No quarry lease shall be granted in areas where the test results indicate the presence of Sand in the composition.*

SEAC therefore decided to not recommend the proposal for the grant of Environmental Clearance.

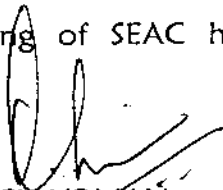
Agenda No: 260-8

(File No: 8546/2021)

Proposed Rough Stone and gravel quarry lease area over an extent of 0.58.0 Ha at S.F No 175/1&175/2, Erumaiyur Village, Kundrathur Taluk, Kancheepuram District by Thiru.S.Ravisundar- For Terms of Reference .(SIA/TN/MIN/63015/2021, dated: 30.04.2021)

The proposal was placed for appraisal in this 260th meeting of SEAC held


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on 1.4.2022. The details of the project furnished by the proponent are given in the web site (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.S.Ravisundar has applied for Terms of Reference for the Rough Stone and gravel quarry lease area over an extent of 0.58.0 Ha at S.F No 175/1&175/2, Erumaiyur Village, Kundrathur Taluk, Kancheepuram District, Tamil Nadu.
2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 10 years. Production for 5 years is 1,45,800 m³ of Rough stone and 17,928m³ of gravel. The Annual peak production as per mining plan is 36000m³ of rough stone (in 1st, 2nd & 3rd year respectively) and 10152m³ of gravel (1st year) with proposed depth of 33m(BGL).
4. Earlier, this proposal was placed before 215th SEAC meeting held on 29.6.2021. Based on the presentation and documents furnished by the project proponent, SEAC committee noted that, the VAO has issued a letter that no habitation is available within 300m from the boundary of the mining area. However a cursory look at the Google map reveals that they are habitants existing at 240m itself. Hence a revised letter from the concerned competent authority due verification of the fact needs to be submitted along with the EIA report.
5. Now the project proponent has furnished the VAO letter Dt. 9.8.21. Based on that, this subject was again n placed before 260th SEAC Meeting held on 1.4.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.


Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference with public hearing for the above notings, subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details


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issued by the MOEF & CC to be included in EIA/EMP Report:

1. The Proponent shall carry out the cumulative & comprehensive impact study due to mining operations carried out in the quarry cluster specifically with reference to the environment in terms of air pollution, water pollution, health impacts and social impact accordingly the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.
2. The certified existing EC compliance report shall be included in the EIA Report.
3. The entire Cluster of mine lease area shall be video graphed through Drone and submit the same along with EIA report.
4. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Highest production achieved in any one year
 - d) Detail of approved depth of mining.
 - e) Actual depth of the mining achieved earlier.
 - f) Name of the person already mined in that leases area.
 - g) If EC and CTO already obtained, the copy of the same shall be submitted.
 - h) Whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
5. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/Topo sheet, topographic sheet, geomorphology, lithology and geology of the mining lease area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
6. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between


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the adjacent quarries & water bodies nearby provided as per the approved mining plan.

7. The Project proponent shall provide the details of mineral reserves and mineable reserves, planned production capacity, proposed working methodology with justifications, the anticipated impacts of the mining operations on the surrounding environment and the remedial measures for the same.
8. The Project proponent shall provide the Organization chart indicating the appointment of various statutory officials and other competent persons to be appointed as per the provisions of Mines Act'1952 and the MMR, 1961 for carrying out the quarrying operations scientifically and systematically in order to ensure safety and to protect the environment.
9. The Project proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided.
10. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
11. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.,) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
12. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
13. The Public hearing advertisement shall be published in one major National daily and one most circulated vernacular daily.
14. The recommendation for the issue of "Terms of Reference" is subjected 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).

15. 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. 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.
16. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement 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.
17. A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
18. A Risk Assessment and management Plan shall be prepared and included in the EIA/EMP Report.
19. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
20. If any quarrying operations were carried out in the proposed quarrying site for which now the EC is sought, the Project proponent shall furnish the detailed compliance to EC conditions given in the previous EC with the site photographs which shall duly be certified by MoEF&CC, Regional Office, Chennai (or) the concerned DEE/TNPCB.
21. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Reference besides attracting penal provisions in the Environment (Protection) Act, 1986.

Agenda No: 260-9
(File No: 8679/2021)

Proposed Rough Stone and gravel quarry lease area over an extent of 1.98.0 Ha at S.F No 571/2B(P), 572/1(P), 572/2(P) & 572/4(P), Irukkandurai Part-II Village, Radhapuram Taluk, Tirunelveli District by Thiru.T.Bright Singh Chelladurai-For Environmental Clearance.(SIA/TN/MIN/211408/2021, dated: 03.08.2021).

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the web site (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.T.Bright Singh Chelladurai has applied for Environmental Clearance for the Rough Stone and gravel quarry lease area over an extent of 1.98.0 Ha at S.F No 571/2B(P), 572/1(P), 572/2(P) & 572/4(P), Irukkandurai Part-II Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 3,57,430 m³ of Rough stone and 31,350 m³ of gravel and 15,076 m³ of Weathered Rock. The Annual peak production as per mining plan is 69675 m³ of rough stone (5th year), 14047 m³ Weathered Rock (1st year) and 29092 m³ gravel (1st year) with proposed depth of 48m(BGL).
4. Earlier, this proposal was placed before 240th SEAC meeting held on 2.11.21. Based on the presentation and documents furnished by the project proponent, SEAC noted that there is 3 nos. of tanks (water bodies) & 1 no. of canal nearby the proposed mine lease applied area and the site is located at appx. 1.2 km from the coast. In view of the above, SEAC after detailed deliberations has directed the proponent to furnish hydro geological study considering water bodies within 3 km


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radius around the proposed mine lease applied area, assessment of potential for including sea water intrusion considering impact of mining at different depths upto proposed ultimate depth of mining as per approved mining plan. On receipt of aforesaid details, SEAC would deliberate on the proposal in one of the forthcoming SEAC meetings.

4. Now the project proponent has furnished the details as sought by the committee vide Lr Dt. 21.12.21. Based on that, this subject was again placed before 260th SEAC Meeting held on 1.4.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation, documents and hydro geological study report furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, 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 EMP furnished.
3. As accepted by the Project proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Government Middle School, located in Irukkandurai Part-II Village, Tirunelveli District before obtaining CTO from TNPCB.

1. Construction/renovation of Girls toilet with 24/7 water facility, including installation of incinerator.
2. Installation of incinerator in the Girls toilet for safe disposal of sanitary napkins
3. Books to library, specifically on environmental awareness.
4. Tree plantation (see Appendix-1).


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Agenda No: 260-10

(File No: 8013/2021)

Proposed Rough Stone and gravel quarry lease area over an extent of 1.28.41 Ha at S.F.No 507/3A2, 507/3A3, 507/3D2, 507/3B, 507/3C, 507/4, 507/3D1B, 507/3A1A1A(P), 507/3D1C, 507/3A1B, 507/3E, 508/2B6 508/4, Thengappattanam Village, Killioor Taluk, Kanniyakumari District by Thiru.K.P.Ravichandran-For Environmental Clearance.(SIA/TN/MIN/182815/2020, dated: 10.09.2020)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.K.P.Ravichandran has applied for Environmental Clearance for the Rough Stone and gravel quarry lease area over an extent of 1.28.41 Ha at S.F.No 507/3A2, 507/3A3, 507/3D2, 507/3B, 507/3C, 507/4, 507/3D1B, 507/3A1A1A(P), 507/3D1C, 507/3A1B, 507/3E, 508/2B6 508/4, Thengappattanam Village, Killioor Taluk, Kanniyakumari District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. Production for 5 years not to exceed 81360 m³ of Rough stone and 14648m³ of gravel. The Annual peak production as per mining plan is 16515m³ of rough stone (3rd year) and 5488 m³ of gravel (3rd year) with proposed depth of 27m(BGL).
4. Earlier, this proposal was placed before 192nd SEAC held on 07.01.2021 and 214th SEAC meeting held on 23.6.2021. Based on the documents furnished and presentation made by the Proponent, the SEAC, after detailed deliberations, SEAC decided to seek the following particulars from the Proponent:
 1. As the proposed project site is located at 500m distance from the sea, the proponent shall obtain and furnish CRZ clearance certificate.


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2. SEAC noted lot of trees near the Project site. Hence the proponent shall furnish proposal for re-plantation of uprooted trees.
 3. The Project site is very near to coastal area and sea water intrusion will be there. Hence entire village be affected. The project proponent shall conduct the hydro- geological study to evaluate the impact of proposed mining activity on the ground water table and furnish report.
5. The Project proponent furnished the above said details to SE1AA-TN on 19.02.2021. The subject was once again placed in the 214th SEAC meeting held on 23.06.2021. After detailed discussion the SEAC has decided directed the proponent to furnish the following details
- a) In regard to the additional particular sought to furnish CRZ Clearance, the proponent has furnished letter from Assistant Director, Town and Country Planning, Kanniyakumari vide Letter Rc. No. 48/2021/TCP, dated 23.01.2021 which is not acceptable. Hence, the proponent shall obtain and furnish CRZ Clearance certificate from the TNCZMA.
 - b) The reply for the item nos. 2 & 3 were not in order as sought by the committee. Hence, the proponent shall furnish the revised details for item nos. 2 & 3.
5. Now the project proponent has furnished the details as sought by the committee. Based on that, this subject was again placed before 260th SEAC Meeting held on 1.4.2022. The Project proponent has made a presentation along with clarification for the above shortcomings observed by the SEAC. Based on the presentation and documents furnished by the project proponent, SEAC noted that the proposed site lies in fragile Western Ghats area and therefore decided to make site inspection by the sub-committee to be constituted by the SEAC to assess the present status of the proposed project and environmental settings.


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Agenda No: 260-11


(File No: 6975/2021)

Proposed Rough Stone, jelly and gravel quarry lease area over an extent of 3.92.70Ha at S.F.No192(p) Kasthuriengapuram Part-II Village, Thisayanvilai Taluk, Tirunelveli District by Thiru. C.Sugu- For Environmental Clearance.(SIA/TN/MIN/59850/2019, dated: 13.01.2021).

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.C.Sugu has applied for Environmental Clearance for the Rough Stone, jelly and gravel quarry lease area over an extent of 3.92.70 Ha at S.F.No 192(p) Kasthuriengapuram Part-II Village, Thisayanvilai Taluk, Tirunelveli District, Tamil Nadu.
2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for first 5 years not to exceed 963820 m³ of Rough stone and 131704 m³ of Weathered Rock and 34776 m³ of gravel. The Annual peak production as per mining plan is 194270 m³ of rough stone (5th year), 131704 m³ of Weathered Rock (1st year) and 34776 m³ of gravel (1st year) with proposed depth of 65m(BGL).
4. ToR was issued by SEIAA-TN vide Lr. No. SEIAA-TN/F.No .6975/ SEAC/TOR-678/2019 dated 11.12.2019.
5. Public hearing conducted on 15.12.2020. The Minutes of the public hearing received from TNPCB vide dated: 05.01.2021
6. Earlier, this proposal was placed before 234th SEAC meeting held on 22.9.2021. (Ref. minutes of 234th SEAC meeting vide item no. 234-16). Based on the subcommittee report and documents furnished by the project proponent, SEAC has decided to call the proponent for appraisal


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in any one of the forthcoming meetings of SEAC in regard to assessment of Ecological damage, Remediation plan and natural & community resource augmentation plan due to violation prepared by the NABET consultant as per the guidelines mentioned in the MoEF&CC Notifications dated 14.03.2017 and 08.03.2018.

7. Now the PP has furnished the details as sought by the SEAC on 16.3.2022, including the details on the Ecological damage, Remediation plan and natural & community resource augmentation plan prepared based on the Guideline for the fixation of bank guarantee for Ecological damages, Nature resource augmentation plan and Community resource augmentation plan for the mining proposals filed under the violation notification dated: 08.03.2018.

This proposal was again placed before 260th SEAC meeting held on 1.4.2022 for appraisal for seeking Environmental clearance under violation.

The SEAC assessed the project based on ecological damage, remediation plan and natural & community resource augmentation plan prepared and submitted by the NABET consultant on behalf of the proponent as per the guidelines mentioned in the MoEF& CC Notifications dated:14.03.2017 and 08.03.2018. The cost extract from the report is as follows:

Level of Damages	Ecological remediation cost	Natural resource augmentation cost	Community resource augmentation cost	CER	Total
	Rough stone	Rough stone	Rough stone	Rough stone	Rough stone
	Rs	Rs	Rs	Rs	Rs
Low level Ecological damage	0.4 Lakhs	0.6 Lakhs	0.6 Lakhs	0.4 Lakhs	2 Lakhs


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Further, the SEAC classified the level of damages by the following criteria:


Level of damages	Ecological remediation cost	Natural resource augmentation cost	Community resource augmentation cost	CER	Total
	Rough stone/Silica	Rough stone/Silica	Rough stone/Silica	Rough stone/Silica	Rough stone/Silica
	Rs lakhs/Ha	Rs lakhs/Ha	Rs lakhs/Ha	Rs lakhs/Ha	Rs lakhs/Ha
Low level Ecological damage	0.10	0.15	0.15	0.10	0.5

(The proposed quarry lease extent is 3.92.70 Ha)

Based on the presentation and report furnished by the project proponent, SEAC observed that the proposed rough stone activity was carried out without prior environmental clearance & the proposal seeking Environmental Clearance under violation category at Rough Stone, jelly and gravel quarry lease area over an extent of 3.92.70 Ha at S.F.No192(p) Kasthuriengapuram Part-II Village, Thisayanvilai Taluk, Tirunelveli District, Tamil Nadu which is categorized under the “low level ecological damage category”. The SEAC after detailed deliberations decided to recommend the project proposal for grant of Environmental Clearance subject to the std. conditions in Annexure –I of this minutes, in addition to standard conditions stipulated by the MoEF&CC:

As per the MoEF& CC Notification, S.O.1030 (E) dated: 08.03.2018, “The project proponent shall submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the TN Pollution Control Board.

- 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.


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- 2) The project proponent shall remit the amount of Rs.1.6 Lakhs in the form of bank guarantee to Tamil Nadu Pollution Control Board and submit the acknowledgement of the same to SEIAA-TN. The funds shall be utilized for the remediation plan, Natural resource augmentation plan & Community resource augmentation plan as indicated in the EIA/EMP report.
- 3) The project proponent shall carry out the works assigned under ecological damage, natural resource augmentation and community resource augmentation within a period of one year. If not, the bank guarantee will be forfeited to TNPCB without further notice.
- 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) The amount accepted by Project proponent for CER is Rs. 2 Lakhs for following activities in Govt Middle School, Thiruvambalapuram, Radhapuram Taluk, Tirunelveli District before obtaining CTO from TNPCB.

1. Reconstruction/renovation of Boys/Girls Toilets.
2. Tree Plantation (see Appendix)/
3. Books to school library, especially on environmental awareness.

- 6) Any violations and subsequent suitable action may be decided by SEIAA, as deemed appropriate, if arises.

Agenda No: 260-12

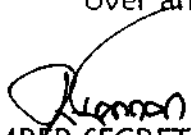
(File No: 7371/2021)

Proposed Rough Stone and gravel quarry lease area over an extent of 2.02.50Ha at S.F.No 8/1, Keelkandamangalam Village, Tiruchuli Taluk, Virudhunagar District by Thiru. P. Saravanakumar-For Environmental Clearance. (SIA/TN/MIN/135184/2020 , dated: 22.05.2020)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. P. Saravanakumar has applied for Environmental Clearance for the Rough Stone and gravel quarry lease area over an extent of 2.02.50 Ha at S.F.No 8/1, Keelkandamangalam Village,


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Tiruchuli Taluk, Virudhunagar District, Tamil Nadu.

2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 145000 m³ of Rough stone and 78750m³ of gravel. The Annual peak production as per mining plan is 29400 m³ of rough stone (3rd year) and 13050m³ of gravel (2nd year onwards) with proposed depth of 31m(BGL).
4. Earlier, this proposal was placed before 207 SEAC meeting held on 17.3.2021. Based on the documents furnished and presentation made by the Proponent, the committee noted that there are many wells situated within the radius of 0.2 km (12 nos. of wells), 0.3 km (22 nos. of wells) and 0.5 km (72 nos. of wells) buffer zone; and proposed mining would result in greater impact on the livelihood of the local farmers as well to the domestic animals. Hence the committee felt that a detailed hydro-geological study needs to be carried out to assess the impact of mining on surrounding wells as well on lakes (for various depth of mining) through a NABL accredited Geologist or from a Govt. institution.

Now, the PP has furnished the hydro-geological study report. Based on that, this subject was again placed before 260th SEAC Meeting held on 1.4.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

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


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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. As accepted by the Project proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Government Middle School in Sithalakundu Village, Virudhunagar District before obtaining CTO from TNPCB.

- (1) construction/renovation of Girls/boys toilet with 24/7 water facility
- (2) RO water facility
- (3) tree plantation (see appendix)
- (4) Books to school library, especially on environmental awareness.

Agenda No: 260-13

(File No: 7895/2021)

Proposed Rough Stone and gravel quarry lease area over an extent of 4.70.5Ha at S.F.No 741/1, 743, 744, 745,746/2, 747,748/2 &749 O.Mettupatti Village, Sattur Taluk, Virudhunagar District by Thiru.N.Thiruppathi - For Environmental Clearance.(SIA/TN/MIN/ 175989/2020, dated: 30.09.2020)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website(parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.N.Thiruppathi has applied for Environmental Clearance for the Rough Stone and gravel quarry lease area over an extent of 4.70.5 Ha at S.F.No 741/1, 743, 744, 745,746/2, 747,748/2 & 749 O.Mettupatti Village, Sattur Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for 5 years not to exceed 312645m³ of Rough stone and 69024 m³ of gravel. The Annual peak production as per mining plan is 63090 m³ of rough stone (5th year) and 22524 m³ of gravel (1st year) with proposed depth of 31m(BGL).


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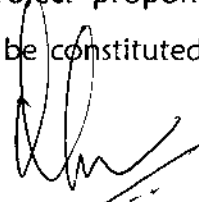

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4. The Project proponent obtained earlier EC from SEIAA vide Lr.No.SEIAATN/F.No.2373IEC/1(a)/1271/2014 dated: 16.05.2014. The approved production quantity is 52390m³ of rough stone, 24195m³ of topsoil & 56455m³ of gravel for depth of mining as 10m. The lease was executed from 13.06.2014 to 12.06.2019.
5. The Deputy Director, Geology & Mining, Virudhunagar vide Rc.No.KVI/811/2019 dated: 20.07.2020 states that "the transport issued for quantity of 51559 m³ of Rough stone & 15155m³ of gravel, mined out depth of mining 27m".
6. The District Collector Proceeding Letter vide Na.Ka.No. KVI/811/2019-Kanimam, dated: 23.09.2019 states that "the DD mines inspected the site and, in the report, sl.no.8, it is informed that the proponent has already mined out 27m and production is 388800 m³ of Rough stone & 24600 m³ of Gravel".
7. Earlier, this proposal was placed before 211th SEAC meeting held on 24.4.2021. Based on the documents furnished and presentation made by the Proponent, the committee noted it is clear from the District Collector's letter that the proponent has carried out excess mining for a depth of 27m and thus it is a clear case of violation. Now the project proponent has applied for a depth of 31 m for five years for the production of 312645m³ of Rough stone & 69024m³ of Gravel. Hence the Committee decided that the proponent may first appeal to AD (Mines and Geology) for the re-assessment and quantification of excess mining and levy the fine accordingly as per the rules and afterwards the proponent may apply for the same under violation category.

Now, the PP has furnished the details sought by the Committee. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and details furnished by the project proponent, SEAC decided to make on site inspection by the sub-committee to be constituted by


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the SEAC to assess the present status of the proposed project and environmental settings.

Agenda No: 260-14

(File No: 7987/2021)

Proposed Rough Stone and gravel quarry lease area over an extent of 2.00.0Ha at S.F.No 1422/1 & 1422/2B, Bodinaickkanur Village, Bodinaickkanur Taluk, Theni District by Thiru.S.Velusamy- For Environmental Clearance (SIA/TN/MIN/178554/2020, dated: 31.10.2020)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru. S.Velusamy has applied for Environmental Clearance for the Rough Stone and gravel quarry lease area over an extent of 2.00.0 Ha at S.F.No 1422/1 & 1422/2B, Bodinaickkanur Village, Bodinaickkanur Taluk, Theni District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the five years states that the total quantity of recoverable as 286580 m³ of Rough Stone & 30648 m³ of Gravel and the ultimate depth of mining is 37m below ground level.
4. Earlier, this proposal was placed before 221st SEAC meeting held on 23.07.2021. Based on the presentation and documents furnished by the project proponent, SEAC decided that, since the Agamalai reserve forest is situated at a distance of 208m north, the project proponent shall submit a letter from DFO stating that this mining activity will not have any effect on animals living in the forest.

Now, the PP has furnished the details as sought by the Committee. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and documents furnished by the project proponent,


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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 Agamalai Reserve Forest 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: 260-15

(File No: 8390/2021)

Proposed Rough Stone quarry lease area over an extent of 1.43.0Ha at S.F.No 340/1,340/2A,340/2B,340/2C,343/1A,343/1B, 343/2B & 344/1B, Velambur Bit-I Village, Peraiyur Taluk, Madurai District by Thiru.M.Arulraj-For Environmental Clearance (SIA/TN/MIN/199670/2021, dated: 28.07.2021)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website(parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.M.Arulraj has applied for Environmental Clearance for the Rough Stone quarry lease area over an extent of 1.43.0 Ha at S.F.No 340/1,340/2A,340/2B,340/2C,343/1A,343/1B, 343/2B & 344/1B, Velambur Bit-I Village, Peraiyur Taluk, Madurai District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for first 5 years not to exceed 53972 m³ of Rough Stone & 413m³ of top soil. The Annual peak production as per mining plan is 11,800 m³ of rough stone


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(4th year) and 413 m³ of Top soil with proposed depth of 20m(BGL).

4. Earlier, this proposal was placed before 228th SEAC meeting held on 24.8.2021. Based on the presentation and documents furnished by the project proponent, SEAC noted that on scrutiny of Check list it was found that EDS has been raised and it was found that no reply was received for the EDS raised, the SEAC found that the check list was prepared without obtaining the reply for EDS raised and sent to SEAC for appraisal. Hence the project is returned back to obtain the reply for EDS raised and to check whether the reply is in order. SEAC also deeply concerned about the lapse in sending the project file without even obtaining the EDS and necessary instructions may be given to the concerned Engineer/Scientist who has prepared the check list. Hence the project is deferred.

Now, the PP has furnished the EDS details. This proposal was again placed before 260th SEAC meeting held on 1.4.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, 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 EMP furnished.
3. As accepted by the Project proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Panchayat Union Primary School, Venkatachalapuram Village, Madurai District before obtaining CTO from TNPCB


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| <ol style="list-style-type: none">1. Construction/renovation of Girls/boys toilet with 24/7 water facility2. RO water facility3. Tree plantation (see appendix).4. Books to school library, especially on environmental awareness. |
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Agenda No: 260-16

(File No: 8465/2021)


Proposed gravel quarry lease area over an extent of 4.00.0 Ha at S.F. 16/4(P), Therkusanthanoor Village, Manamadurai Taluk, Sivagangai District by Thiru.A.Balachandran- For Environmental Clearance (SIA/TN/MIN/203837/2021 , dated:16.03.2021)

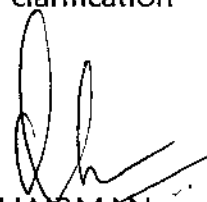
The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website(parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.A.Balachandran has applied for Environmental Clearance for the gravel quarry lease area over an extent of 4.00.0 Ha at S.F. 16/4(P), Therkusanthanoor Village, Manamadurai Taluk, Sivagangai District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. The production for the 11 months states that the total quantity of recoverable gravel as 55,296 m³ with the ultimate depth of mining is 2m below ground level. EMP cost for 11 months– Rs. 3,00,000/-
4. Earlier, this proposal was placed before 229th SEAC meeting held on 27.8.2021. The project proponent was absent for the meeting, and hence the project is deferred. Further the SEAC instructs the SEIAA office to obtain the reason for not attending the meeting by the project proponent in writing and may place the same when the project comes again for appraisal.

This proposal was again placed before 260th SEAC meeting held on 1.4.2022. The Project proponent made a presentation along with clarification for not attending the earlier meeting.


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

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

- No quarry lease shall be granted in areas where the test results indicate the presence of sand in the composition.
- No quarry lease shall be granted in the patta lands adjoining to the rivers, streams, canals etc.,
- No permission shall be granted for quarrying Gravel, Earth, etc., in patta land for a period less than one year.
- Lease deed shall be executed in the Form set out in Appendix IV or Appendix V to the Tamil Nadu Minor Mineral Concession Rules 1959.

In the present case, quarry lease for gravel in patta land is for a period less than one year and hence the Committee decided not to recommend the proposal for grant of Environmental Clearance.

Agenda No: 260-17

(File No: 8548/2021)

Proposed Rough stone and gravel quarry lease area over an extent of 0.80.0Ha at S.F.No248/1A, Sempalli Village, Gudiyattam Taluk, Vellore District by Thiru. S.Dhanasekaran-For Environmental Clearance (SIA/TN/MIN/ 210675/2021, dated:29.04.2021)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website(parivesh.nic.in).


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The SEAC noted the following:

1. The project proponent, Thiru.S.Dhanasekaran has applied for Environmental Clearance for Rough stone and gravel quarry lease area over an extent of 0.80.0Ha at S.F.No 248/1A, Sempalli Village, Gudiyattam Taluk, Vellore District, Tamil Nadu.
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan the production for the 5 years, the total quantity of recoverable Rough stone is 46798 m³ and 5544m³ of gravel with the ultimate depth of mining is 20m below ground level.
4. Earlier, this proposal was placed before 235th meeting of SEAC held on 01.10.2021. Based on the presentation and documents furnished by the project proponent, SEAC noted that the presentation given by EIA co-ordinator is not of high quality and the presentation was not visible clearly. The presentation by the EIA consultant was also not proper. Hence the committee decided that the EIA co-ordinator shall present it legibly in next meeting.

This proposal was again placed before 260th SEAC meeting held on 1.4.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

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


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The Committee noted that the Gundalapalli Reserve Forest 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: 260-18

(File No: 6802/2021)

Proposed gravel quarry lease area over an extent of 2.12.0Ha at S.F.No 221/1,221/2,221/3,221/4 &221/5, Sethurapatti Village, Srirangam Taluk, Tiruchirappalli District by Thiru.M. Rajasekar-For Environmental Clearance (SIA/TN/MIN/35648/2019, dated:03.07.2019)

The proposal was placed in this 260th SEAC meeting held on 1.4.2022. During the meeting the Committee noted that the EIA coordinator was not present, hence SEAC decided to defer the proposal and call for the reason for not attending the SEAC meeting.

Agenda No: 260-19

(File No:7192/2021)

Proposed Lime Kankar quarry lease area over an extent of 2.30.0Ha at S.F.No 33/1A and 33/1B, Karuppur (Senapahty) Village, Ariyalur Taluk, Ariyalur District by M/s. Chettinad Cements Corporation Pvt. Ltd -For Terms of Reference (SIA/TN/MIN/44473/2019, dated:09.10.2019)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website(parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s. Chettinad Cements Corporation Pvt. Ltd has applied for Terms of Reference for Lime Kankar quarry lease area over an extent of 2.30.0 Ha at S.F.No 33/1A and 33/1B, Karuppur (Senapahty) Village, Ariyalur Taluk, Ariyalur District, Tamil Nadu.
2. The project/activity is covered under category "B1" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for the 5 years of recoverable Lime Kankar is 59904 T and 7987 T of Top


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soil. The Annual peak production as per mining plan is 27,720 T of lime kankar (1st year) and 3,696 m³ of top soil with proposed depth of 2.3m(BGL).

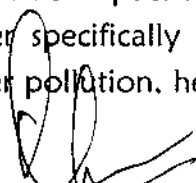
4. Earlier, this proposal was placed before 208th meeting of SEAC held on 24.03.2021. The SEAC noted that the representative on behalf of the proponent has attended the SEAC meeting without any authorized letter from their management and no NABET accredited consultant in regard to category 1(a) was turned up for the presentation along with the representatives. Hence, the representative of the proponent was marked absent and the representative of the proponent was instructed to attend the next presentation with the authorized letter from the management and along with NABET accredited consultant in regard to category 1 (Mining).
5. Further, it was noted by the SEAC that the proposal was already placed in the SEAC for two times and no one was present in those meetings. Hence, the necessary instruction may be given by the SEIAA office to seek explanation why the proponent did not attend the two meetings and also to obtain the reasons for not attend the meeting/ company representative attended the meeting without authorized letter from their management/proponent for three times.

The PP vide Lr Dt.2.8.2021 has replied and stated the reasons. This proposal was again placed before 260th SEAC meeting held on 1.4.2022. The Project Proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Terms of Reference with public hearing for above notings, subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details issued by the MOEF & CC to be included in EIA/EMP Report:

1. The Proponent shall carry out the cumulative & comprehensive impact study due to mining operations carried out in the quarry cluster specifically with reference to the environment in terms of air pollution, water pollution, health


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impacts and social impact accordingly the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.

2. The details of dedicated line to transport the lime kankar from mine to Industries
3. A detailed study for Collecting and preserve the fossils excavated during the mining operation.
4. The certified compliance report of Existing EC issued.
5. A detailed study report with respect to impact on Birds flying path and it's safety during this mining operation.
6. The entire Cluster of mine lease area shall be video graphed through Drone and submit the same along with EIA report.
7. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Highest production achieved in any one year
 - d) Detail of approved depth of mining.
 - e) Actual depth of the mining achieved earlier.
 - f) Name of the person already mined in that leases area.
 - g) If EC and CTO already obtained, the copy of the same shall be submitted.
 - h) Whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
8. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/Topo sheet, topographic sheet, geomorphology, lithology and geology of the mining lease area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
9. The proponent shall furnish photographs of adequate fencing, green-belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
10. The Project proponent shall provide the details of mineral reserves and mineable reserves, planned production capacity, proposed working methodology with justifications, the anticipated impacts of the mining operations on the surrounding environment and the remedial measures for the

same.

11. The Project proponent shall provide the Organization chart indicating the appointment of various statutory officials and other competent persons to be appointed as per the provisions of Mines Act'1952 and the MMR, 1961 for carrying out the quarrying operations scientifically and systematically in order to ensure safety and to protect the environment.
12. The Project proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided.
13. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
14. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
15. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
16. The Public hearing advertisement shall be published in one major National daily and one most circulated vernacular daily.
17. The recommendation for the issue of "Terms of Reference" is subjected 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).
18. 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. 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.

19. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement 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.
20. A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
21. A Risk Assessment and management Plan shall be prepared and included in the EIA/EMP Report.
22. The Public hearing advertisement shall be published in one major National daily and one most circulated vernacular daily.
23. The Reports to be placed for public view shall be in Tamil language also
24. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
25. If any quarrying operations were carried out in the proposed quarrying site for which now the EC is sought, the Project proponent shall furnish the detailed compliance to EC conditions given in the previous EC with the site photographs which shall duly be certified by MoEF&CC, Regional Office, Chennai (or) the concerned DEE/TNPCB.
26. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Reference besides attracting penal provisions in the Environment (Protection) Act, 1986.

Agenda No: 260-20

(File No: 7406/2021)

Proposed Rough stone and gravel quarry lease area over an extent of 1.00.0Ha at S.F.No519/1(P), Myvadi Village, Madathukulam Taluk, Tiruppur District by Thiru.K.Maheswaran-For Environmental Clearance (SIA/TN/MIN/ 132336/2019, dated:23.10.2020)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website(parivesh.nic.in).


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The SEAC noted the following:

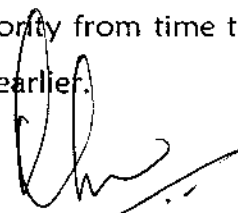
1. The project proponent, Thiru.K.Maheswaran has applied for Environmental Clearance for Proposed Rough stone and gravel quarry lease area over an extent of 1.00.0 Ha at S.F.No519/1(P), Myvadi Village, Madathukulam Taluk, Tiruppur District, Tamil Nadu .
2. The project/activity is covered under category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for first 5 years not to exceed 58,215 m³ of rough stone and 4588 m³ of gravel. The Annual peak production as per mining plan is 12,075 m³ of rough stone (5th year) and 4,588 m³ of gravel (1st year) with proposed depth of 32m(BGL).
4. Earlier, this proposal was placed before 242nd meeting of SEAC held on 3.2.2022. Based on the presentation and documents furnished by the project proponent, SEAC noted that there was no fencing around the existing mine. In view of the location of a school nearby, the committee directed the proponent to complete fencing and report the fact to the Committee. Hence the project was deferred.

Now, the PP has furnished the details vide Lr Dt. 4.3.2022. This proposal was again placed before the 260th SEAC meeting held on 1.4.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

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


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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. As accepted by the Project proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Panchayat Union Primary School HM located in MyvadiVillage, Tiruppur District before obtaining CTO from TNPCB

1. Construction/renovation of Girls/boys toilet with 24/7 water facility
2. RO water facility.
3. Tree plantation (see appendix).
4. Books to school library on environment.

Agenda No: 260-21


(File No: 7739/2021)

Proposed Rough stone and gravel quarry lease area over an extent of 1.22.0 Ha at S.F No: 155/2 (Part), Morattupalayam Village, Uthukuli Taluk, Tiruppur District by Thiru.T.N.Thangaraj-For Environmental Clearance (SIA/TN/MIN/165630/2020 , dated: 29.07.2020)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.T.N.Thangaraj has applied for Environmental Clearance for Proposed Rough stone and gravel quarry lease area over an extent of 1.22.0 Ha at S.F No: 155/2 (Part), Morattupalayam Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1 (a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006. --
3. As per the mining plan, the lease period is for 5 years. The production for first 5 years not to exceed –69950 m³ of Rough stone and 1248 m³ of gravel. The Annual peak production as per mining plan is 15,750 m³ of rough stone (3rd year) and 1248 m³ of gravel with proposed depth of 42m (BGL).


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4. Earlier, this proposal was placed before 188th meeting of SEAC held on 18.12.2020. Based on the presentation and documents furnished by the project proponent, SEAC decided that, the total area being within 5.00.0Ha, the project may be accorded approval after presentation for EC with relevant documents.

Now, the PP has furnished the details. This proposal was again placed before 260th SEAC meeting held on 1.4.2022. The Project proponent made a presentation along with clarification for the above shortcomings observed by the SEAC.

Based on the presentation and document furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, 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 EMP furnished.
3. As accepted by the Project proponent the revised CER cost is Rs. 5 lakhs and the amount shall be spent for the following activities in Government Higher Secondary School located in Morattupalayam Village, Tiruppur District before obtaining CTO from TNPCB

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| <ol style="list-style-type: none">1. Construction/renovation of Girls/boys toilet with 24/7 water facility2. Installation of incinerator for safe disposal of sanitary napkin in girls toilet3. Installation of Speaker Announcement System at school4. Tree plantation (see appendix)5. Books to school library on environment. |
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Agenda No: 260-22

(File No: 8314/2021)

Proposed Rough Stone & Gravel quarry lease over an extent of 1.00.0 Ha at S.F.Nos. 689/2(P), 689/3A at Myvadi Village, Madathukulam Taluk, Tiruppur District, Tamil


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Nadu by Thiru.N.Agathiappan - For Terms of Reference.(SIA/TN/MIN/60362/2021 dated: 30.01.2021)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are available on the website (parivesh.nic.in).

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

1. The Project Proponent, Thiru.N.Agathiappan has applied for Terms of Reference for the proposed Rough Stone & Gravel quarry lease over an extent of 1.00.0 Ha at S.F.Nos. 689/2(P),689/3A at Myvadi Village, Madathukulam Taluk, Tiruppur 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 for 10 years. The production for 10 years not to exceed 73750 m³ of rough stone & 13708 m³ of gravel. The Annual peak production as per mining plan is 7950m³ of rough stone (Xth year) and 1932m³ of gravel with proposed depth of 27m(BGL).
4. Earlier, this proposal was placed before 208th SEAC meeting held on 24.3.2021. Based on the documents furnished and presentation made by the proponent, the SEAC noted that the proposed site was found to be agricultural land (Coconut tree farm) and hence decided to make an onsite inspection to assess the present status of the site by the sub-committee constituted by the SEAC. On receipt of the inspection report from the sub-committee, the SEAC decided to take a further course of action on the proposal.

The sub-committee comprising of Dr.D.Narsimhan, Member, SEAC and Dr. B.Gowtham, Member, SEAC made on-site inspection on 27.03.2022. The sub-committee members were accompanied by Shri. A.Duraishanmugam, S/o. Shri. N. Agathiappan (Proponent) during the visit.

Observations Made by the Sub-Committee:


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1. The proposed mine is located in Myvadi Village, Madathukulam Taluk, Tiruppur District.
2. The proposed mine falls in a patta land owned by Shri. N. Agathiappan (Proponent) and the entire is protected by fencing and entry of public is completely prevented.
3. The water in the open well situated near the proposed mine is pumped out to irrigate plantations in the nearby plantations in the patta land.
4. The mine is surrounded by well-maintained green belt and mostly covered by coconut plantations and other type of trees.
5. The existing mine is completely made up of Charnockite of massive nature.

RECOMMENDATIONS

1. As per the 208th meeting of SEAC instructions, the coconut trees planted within the cluster extent owned by the Proponent.
2. The SEAC sub-committee observed the patta land in which mining area is situated is completed with fencing.
3. Since the patta land is in the total cluster extent 10.98.0 Ha and already two existing mines are situated, it is advised to plant more than 500 trees around the existing mines and either sides of the roads built within the cluster area owned by the proponent.
4. The existing bore wells and open wells are yielding good quantity of groundwater.
5. The proposed mine is well covered by green belt and Environmental protection is maintained.
6. On observing the above, the sub-committee members recommend to the Chairman, SEAC that Terms of Reference (ToR) may be issued to the Proposed mine as per the request made by the Proponent.


This proposal was again been placed before 260th SEAC meeting held on 1.4.2022. Based on the presentation and documents furnished by the sub committee, SEAC decided to recommend the proposal for the grant of Terms of Reference with public hearing for the above notings, subject to the following TORs, in addition to the standard terms of reference for EIA study for non-coal mining projects and details


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issued by the MOEF & CC to be included in EIA/EMP Report:

1. The Proponent shall carry out the cumulative & comprehensive impact study due to mining operations carried out in the quarry cluster specifically with reference to the environment in terms of air pollution, water pollution, health impacts and social impact accordingly the Environment Management plan should be prepared keeping the concerned quarry and the surrounding habitations in the mind.
2. The certified existing EC compliance report shall be included in the EIA Report.
3. The entire Cluster of mine lease area shall be video graphed through Drone and submit the same along with EIA report.
4. If the proponent has already carried out the mining activity in the proposed mining lease area after 15.01.2016, then the proponent shall furnish the following details from AD/DD, mines,
 - a) What was the period of the operation and stoppage of the earlier mines with last work permit issued by the AD/DD mines?
 - b) Quantity of minerals mined out.
 - c) Highest production achieved in any one year
 - d) Detail of approved depth of mining.
 - e) Actual depth of the mining achieved earlier.
 - f) Name of the person already mined in that leases area.
 - g) If EC and CTO already obtained, the copy of the same shall be submitted.
 - h) Whether the mining was carried out as per the approved mine plan (or EC if issued) with stipulated benches.
5. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/Topo sheet, topographic sheet, geomorphology, lithology and geology of the mining lease area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
6. The proponent shall furnish photographs of adequate fencing, green belt along the periphery including replantation of existing trees & safety distance between the adjacent quarries & water bodies nearby provided as per the approved mining plan.
7. The Project proponent shall provide the details of mineral reserves and mineable reserves, planned production capacity, proposed working methodology with justifications, the anticipated impacts of the mining operations on the surrounding environment and the remedial measures for the same.


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8. The Project proponent shall provide the Organization chart indicating the appointment of various statutory officials and other competent persons to be appointed as per the provisions of Mines Act 1952 and the MMR, 1961 for carrying out the quarrying operations scientifically and systematically in order to ensure safety and to protect the environment.
9. The Project proponent shall conduct the hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) along with the collected water level data for both monsoon and non-monsoon seasons from the PWD / TWAD so as to assess the impacts on the wells due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided.
10. The proponent shall furnish the baseline data for the environmental and ecological parameters with regard to surface water/ground water quality, air quality, soil quality & flora/fauna including traffic/vehicular movement study.
11. A tree survey study shall be carried out (nos., name of the species, age, diameter etc.) both within the mining lease applied area & 300m buffer zone and its management during mining activity.
12. A detailed mine closure plan for the proposed project shall be included in EIA/EMP report which should be site-specific.
13. The Public hearing advertisement shall be published in one major National daily and one most circulated vernacular daily.
14. The Reports to be placed for public view shall be in Tamil language also.
15. The recommendation for the issue of "Terms of Reference" is subjected 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).
16. 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.

17. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement 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.
18. A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
19. A Risk Assessment and management Plan shall be prepared and included in the EIA/EMP Report.
20. The Socio-economic studies should be carried out within a 5 km buffer zone from the mining activity. Measures of socio-economic significance and influence to the local community proposed to be provided by the Project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
21. If any quarrying operations were carried out in the proposed quarrying site for which now the EC is sought, the Project proponent shall furnish the detailed compliance to EC conditions given in the previous EC with the site photographs which shall duly be certified by MoEF&CC, Regional Office, Chennai (or) the concerned DEE/TNPCB.
22. Concealing any factual information or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this Terms of Reference besides attracting penal provisions in the Environment (Protection) Act, 1986.

Agenda No: 260-23

(File No: 8296/2021)

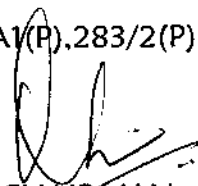
Proposed Rough Stone & Gravel quarry lease area over an extent of 1.12.0Ha at S.F.Nos. 301/A(P), 301/2A1(P), 283/2(P) of Othakkal Mandabam Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu by Thiru.A.Ramalingam- For Environmental Clearance. (SIA/TN/MIN/194454/2021, dated: 22.01.2021).

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.A.Ramalingam, has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease area over an extent of 1.12.0Ha at S.F.Nos. 301/A(P), 301/2A1(P), 283/2(P) of


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OthakkalMandabam Village, Madukkarai Taluk, Coimbatore District, Tamil Nadu.


2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for first 5 years not to exceed 42780 m³ of Rough stone & 2288 m³ of Gravel. The Annual peak production as per mining plan is 8950 m³ of rough stone and 832m³ of gravel with proposed depth of 47m(BGL).
4. Earlier, this proposal was placed before 225th meeting of SEAC held on 13.08.2021. Based on the presentation and documents furnished by the project proponent, no benches were observed and hence SEAC decided to make an on - the - spot site inspection to assess the present status of the site by the sub-committee constituted by the SEAC and also SEAC decided to restrict the depth to 32m. Based on the inspection report SEAC would further deliberation on this project and decide the further course of action.

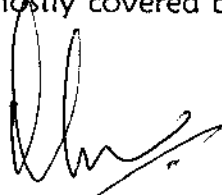
SUB-COMMITTEE VISIT

The sub-committee is composed of Dr. D.Narsimhan, Member, SEAC and Dr. B.Gowtham, Member, SEAC. The sub-committee members were accompanied by Mr. A.Ramalingam (Proponent) during the mine visit on 26.03.2022.

Observations Made by the Sub-Committee:

1. The proposed mine is located in OthakkalMandabam Village, Madukkarai Taluk, Coimbatore District.
2. The proposed mine falls in a patta land which is fenced and entry of public is completely prevented
3. The benches of this open cast mine is fairly designed to prevent from deformation and erosion.
4. The water in the open well situated near the proposed mine is pumped out to feed plantations in the nearby plantations in the patta land.
5. The mine is surrounded by well-maintained green belt and mostly covered by coconut plantations and neem trees.


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6. The existing mine is completely made up of Charnockite of massive nature.

RECOMMENDATIONS

- As per the 225th meeting of SEAC instructions, the benches in the existing mine is fairly maintained and found to be stable. The benches built will not affect the quarrying and quarried materials transportation.
- The SEAC sub-committee observed the patta land in which mining area is situated is completed with fencing.
- The existing bore well and open well is yielding good quantity of groundwater.
- The proposed mine is well covered by green belt and Environmental protection is maintained.
- On observing the above, the sub-committee members recommend to the Chairman, SEAC that the Environmental Clearance may be issued to the Proposed mine as per the request made by the Proponent.

Based on the presentation and document furnished by the project proponent and the report of the sub committee, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** for the above notings, 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 EMP furnished.
3. As accepted by the Project proponent the revised CER cost is Rs. 2 lakhs and the amount shall be spent for the following activities in Government Higher Secondary School located in OthakkalMandabam Village, Coimbatore District before obtaining CTO from TNPCB.


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| <ol style="list-style-type: none">1. Construction/renovation of Girls/boys toilet with 24/7 water facility.2. Tree plantation (see Appendix).3. Books to school library on environment. |
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Agenda No: 260-24

(File No: 8500/2021)

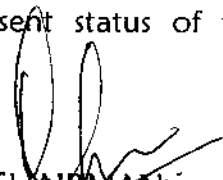
Proposed Rough Stone & Gravel quarry lease area over an extent of 0.94.5Ha at S.F.Nos. 305/5,305/6 & 305/7 of Sarkar kathamanni Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu by Thiru.P.Jayapal - For Environmental Clearance. (SIA/TN/MIN/206788/2021, dated:29.03.2021).

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, Thiru.P.Jayapal, has applied for Environmental Clearance for the proposed Rough stone & Gravel quarry lease area over an extent of 0.94.5Ha at S.F.Nos. 305/5,305/6 & 305/7 of Sarkar kathamanni Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minerals Projects" of the Schedule to the EIA Notification, 2006.
3. As per the mining plan, the lease period is for 5 years. The production for first 5 years not to exceed 47760 m³ of Rough Stone & 5344 m³ of Gravel. The Annual peak production as per mining plan is 10920 m³ of rough stone (3rd year) and 2800m³ of gravel (3rd year) with proposed depth of 37m(BGL).
4. Earlier, this proposal was placed before 230th meeting of SEAC held on 31.08.2021. Based on the presentation and documents furnished by the project proponent, SEAC noted that Noyyal river is at a distance of 43.6m from the boundary of the proposed mine lease area. Hence, the SEAC has decided to defer the proposal in view of the above said reason and directed the proponent to furnish NOC for the proposed activity from the competent authority (PWD). On receipt of aforesaid reply from the proponent, SEAC would take up in any one of the forthcoming SEAC meetings. Also, the SEAC decided to make an onsite inspection to assess the present status of the


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environmental settings and the water bodies nearby, by the sub-committee to be constituted by the SEAC.

SUB-COMMITTEE VISIT

The sub-committee is composed of Shri.Velazhagan, Member, SEAC and Dr. B.Gowtham, Member, SEAC. The sub-committee members were accompanied by Mr. P. Jayapal (Proponent) during the mine visit on 19.03.2022.

Observations Made by the Sub-Committee:

1. The proposed is located adjacent to the abandoned mine present in Sarkar Kathanganni Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu.
2. The proposed mine is completely fenced and entry of public is completely prevented .
3. The benches of this open cast mine is well designed to prevent from deformation and erosion.
4. The rainwater filled in the abandoned quarry pit is pumped out to feed plantations in the nearby patta lands.
5. The mine is surrounded by well-maintained green belt and mostly covered by coconut plantations and neem trees.
6. Noyyal River is running 43.6 m southwest of the proposed mine. An NOC from PWD has been received by the Proponent in connection with the Noyyal river passing near the proposed mine (Vide letter No. ஸ4 / கௌ.407 / 521பிற / 2021 / dated 20.10.2021) on applying certain conditions as follows:
 - o The proposed mine should not use Noyyal river water for any mining purposes.
 - o One bore well is located in south western direction and two open wells are situated in east and western direction of the proposed mine.
 - o All the open wells and bore well are in yielding good groundwater which are utilized for drinking and other purposes in and around the proposed mine.
 - o At present the lease closed mine is not functioning.


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- o The existing mine is completely made up of Charnockite of massive nature.

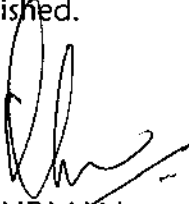
RECOMMENDATIONS

- As per the 230th meeting of SEAC instructions, the Executive Engineer of PWD had issued NOC to the proposed mines which mainly states that water from Noyyal River situated in the south western and any other water bodies should not be used for quarrying purpose.
- The SEAC sub-committee observed the existing mining area is completed with fencing.
- The existing bore well and open well is yielding good quantity of groundwater.
- The proposed mine is well covered by green belt and Environmental protection is maintained.
- On observing the above, the sub-committee members recommend to the Chairman, SEAC that the Environmental Clearance may be issued to the Proposed mine as per the request made by the Proponent.

This proposal was again been placed before 260th SEAC meeting held on 1.4.2022. Based on the presentation and document furnished by the project proponent and report of the sub committee, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, 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 adhere the conditions imposed in PWD NOC vide letter No. ௨4 / கோ.407 / 521பிற / 2021 / dated 20.10.2021)
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.


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4. As accepted by the Project proponent the revised CER cost is Rs. 2 lakhs and the amount shall be spent for the following activities in Government Higher Secondary School located in Sarkar Kathanganni Village, Uthukuli Taluk, Tiruppur District before obtaining CTO from TNPCB..

1. Construction/renovation of Girls/boys toilet with 24/7 water facility
3. Tree plantation (see appendix).
5. Books to school library on environment.

Agenda No: 260-25

(File No: 7757/2020)

Proposed Rough Stone & Gravel quarry lease over an extent of 0.91.2 Ha at S.F.No.124/3A, Morattupalayam Village, Uthukuli Taluk, Tiruppur District, TamilNadu by Thiru.K.Thangaraj - For Environmental clearance.

(SIA/TN/MIN/168261/2020 dated 15.08.2020)

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

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

1. The Project Proponent, Thiru.K.Thangaraj has applied for Environmental Clearance for the proposed Rough Stone & Gravel quarry lease over an extent of 0.91.2 Ha at S.F.Nos. 124/3A, Morattupalayam Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu.
2. The project/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 for 5 years not to exceed 50036 m³ of Rough Stone & 1890 m³ of Gravel. The Annual peak production as per mining plan is 10600m³ of rough stone (2nd year) and 1080 m³ of gravel (1st year) with proposed depth of 47m(BGL).
4. Earlier, this proposal was placed before 202nd meeting of SEAC held


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on 19.02.2021. Based on the presentation, SEAC noted that many habitations are located near by the proposed mine lease area. The Committee held detailed discussions and unanimously decided to make an on-the-spot inspection of the mine lease area by a sub-committee constituted by the SEAC. Based on the site inspection report of the subcommittee, the SEAC will further deliberate on this project and decide the further course of action.

SUB-COMMITTEE VISIT


The sub-committee is composed of Shri.D. Velazhagan, Member, SEAC and Dr. B.Gowtham, Member, SEAC. The sub-committee members were accompanied by Mr. K.Thangaraj (Proponent) during the mine visit on 20.03.2022.

Observations Made by the Sub-Committee:

1. The proposed is present adjacent to the existing mine present in Morattupalayam Village, Uthukuli Taluk, Tiruppur District, Tamil Nadu.
2. The proposed mine is completely fenced and entry of public is completely prevented .
3. The benches of this open cast mine is well designed to prevent from deformation and erosion.
4. The rainwater filled in the abandoned quarry pit is pumped out to feed plantations in the nearby patta lands.
5. The mine is surrounded by well-maintained green belt and mostly covered by coconut plantations and neem trees.
6. Crushing shelters are only situated near the mines and habitations are not present.
7. The existing mine is completely made up of Charnockite of massive nature.

RECOMMENDATIONS

- As per the onsite visit made by the SEAC sub-committee, the nearest habitations mentioned in the Google map during the presentation was a rock crushing shelter own by the proponent and not a habitation.


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- The SEAC sub-committee observed the existing mining area is completed with fencing.
- The existing bore well and open well is yielding good quantity of groundwater.
- The proposed mine is well covered by green belt and Environmental protection is maintained.
- On observing the above, the sub-committee members recommend to the Chairman, SEAC that the Environmental Clearance may be issued to the Proposed mine as per the request made by the Proponent.

This proposal again been placed before 260th SEAC meeting held on 1.4.2022. Based on the presentation and document furnished by the project proponent and the report submitted by the sub committee, SEAC decided to recommend the proposal for the grant of Environmental Clearance for the above notings, 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 EMP furnished.
3. As accepted by the Project proponent the revised CER cost is Rs. 2.30 lakh and the amount shall be spent for the following activities in Government Higher Secondary School located in Morattupalayam Village, Tiruppur District, Tamil Nadu before obtaining CTO from TNPCB.

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| <ol style="list-style-type: none"> 1. Construction/renovation of Girls/boys toilet with 24/7 water facility 2. Tree plantation (see appendix-I) 3. Books to school library on environment. |
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 MEMBER SECRETARY
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Agenda No: 260-26

(File No: 8368/2020)

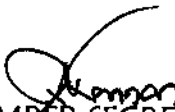
Proposed construction Expansion of Hospital project at S.F.Nos.448/3B, 448/4A, 458/2A1, 459/2A, 447/2A2, 448/3C2, 458/2A, 458/2B1, 459/2A, 459/2B, 460/1A1, 460/1B1 of Kalapatti Village, Coimbatore North Taluk, Coimbatore District Tamil Nadu by M/s. Govel Trust - For Environmental Clearance.

(SIA/TN/MIN/197088/2021,dated: 08.02.2021).

The proposal was placed for appraisal in this 260th meeting of SEAC held on 1.4.2022. The project proponent gave a detailed presentation. The details of the project furnished by the proponent are given on the website (parivesh.nic.in).

The SEAC noted the following:

1. The project proponent, M/s.Govel Trust has applied for Environmental Clearance for the proposed Expansion of Hospital Buildings at S.F.Nos. 448/3B, 448/4A, 458/2A1, 459/2A, 447/2A2, 448/3C2, 458/2A, 458/2B1, 459/2A, 459/2B, 460/1A1, 460/1B1 of Kalapatti Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 8(a) "Building & Constructions Projects" of the Schedule to the EIA Notification, 2006.
3. Earlier, this proposal was placed before 227th meeting of SEAC held on 21.08.2021. Based on the presentation made and the documents furnished by the Project proponent, SEAC noted that the representative attended on behalf of the proponent has not furnished authorisation letter from the project proponent in prior notice and same was not furnished even during the presentation including identity card. Further SEAC decided to direct the proponent to update the details in parivesh website with revised break-up details of plot coverage area and built-up area of the proposed expansion hospital buildings and existing hospital buildings along with valid TNPCB consent details of the existing hospital project. Hence, SEAC decided to take up the said project in any one of the forthcoming SEAC meeting after receipt of said details updated by the project proponent in parivesh website.


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4. The proposal was again placed for appraisal in this 229th meeting of SEAC held on 27.08.2021. Based on the presentation and documents furnished by the project proponent, SEAC decided that,

1. The project proponent shall re-design the STP.
2. The project proponent shall furnish comparison table for existing and expansion project.
3. The project proponent shall install organic waste convertor for bio-degradable waste.
4. The project proponent shall increase the green belt to 3m along the periphery.
5. The project proponent shall re-calculate CER by setting 2% of project cost.
6. The project proponent shall submit compliance report for EC[™] obtained earlier.

Since it is an expansion project, SEAC decided to visit the site by SEAC Member(s) to assess the site conditions and environmental settings. On receipt of the inspection report, the committee would further deliberate on this project and decide the further course of action.

SUB-COMMITTEE VISIT:

The sub-committee composed of Shri.K.Kumar, Member, SEAC-TN and Shri.D.Velazhagan, Member, SEAC-TN. The sub-committee members were accompanied by Dr. Narendran (Chief Medical Officer) and Dr. S. Rajamohan (Consultant) during the site visit on 08.03.2022 (Vide PhotoshownPlate1)

Details of Proposed construction expansion of Hospital Project,

1. The project proponent is Dr. P. Namperumalswamy, The President, Plot No.30, Anna Nagar, Madurai – 625020 has applied for Environmental Clearance for the proposed construction expansion of Hospital building for 59454.35 m² (Existing - 19575.75 m² + Proposed – 39878.6 m²) at S.F. Nos. 447/2A2, 448/3B, 448/3C2, 448/4A, 458/2A1, 458/2A2A, 458/2B1, 459/2A, 459/2B, 460/1A1, 460/1B1, in Kalapatti Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu.
2. Project/activity is covered under the category of “B2” of item 8(a) ‘Building and Construction Projects’ of the Schedule to the EIA Notification, 2006.


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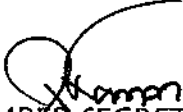
3. The proposed activity falls under Public and Semi Public, Educational & Residential Purpose which comes in Non-Forest/Patta Land.
4. This is the first Environmental Clearance for this project.
5. The total site area is 28821.0 m² (Existing – 17483.0 m² + Proposed – 11338.0 m²)
6. The No. of Beds going to be reduced from 450 Nos to 169 Nos.
7. Total water consumption for the project will be around 310.32 KLD (Fresh water – 161.07 KLD & Recycled water – 149.25 KLD), the fresh water will be sourced from TWAD Board.
8. The sewage generation will be around 244.256 KLD and effluent generation will be around 5.0 KLD.
9. The sewage will be treated in the STP (300 KLD) which was DEWATS system and the effluent will be treated in the proposed ETP (5 KLD).
10. Bio-Medical waste generated is been collected and disposed to common bio-medical waste facility managed by “Techno Therm Industries”.
11. After proposed expansion the Greenbelt area will be 2.47 Acres (22.55% of total area).

The salient features of the proposed site area:

- The proposed site is vacant and located adjacent to the existing facility.
- Longitude: Between 77°01'57.69"E and 77°01'58.19"E
- Latitude: Between 11°02'03.31"N and 11°02'13.04"N
- The proposed area will not require CRZ Clearance, HACA Clearance and NBWL Clearance.

EC Proposed Details:

- The proponent proposed to construct 39878.60 m².
- Total no of beds will be 169 Nos
- Water consumption after expansion will be 310.32 KLD (Fresh water – 161.07 KLD & Recycled water – 149.25 KLD).


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- The Sewage generation will be around 244.256 KLD and Effluent generation will be around 5.0 KLD.

Observations and Recommendations made by the Sub-Committee:

1. This is an expansion project located at Kalapatti Village, Coimbatore North Taluk, Coimbatore District.
2. The proposed site area is vacant and located adjacent to the existing facility. Currently the vacant land is used as parking area .
3. The existing STP is working in good condition . The unit as proposed to construct new STP and ETP for the expansion activity. On commencing the new STP setup the existing STP setup should be dismantled.
4. The greenbelt developed has been well maintained inside the premises.
5. This is the first Environmental Clearance for this project.
6. The project proponent has agreed to install organic waste convertor for bio-degradable waste.
7. The project proponent has agreed to increase the greenbelt to 3m along the periphery

This proposal was placed before 260th SEAC meeting held on 1.4.2022. Based on the presentation and documents furnished by the Sub Committee members, SEAC decided to direct the PP to submit the reply to the additional details as sought by the 229th SEAC meeting to proceed further.

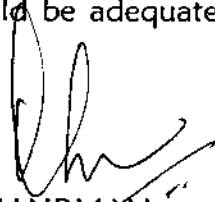

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ANNEXURE - I

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 Metalliferrous 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.


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


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13. **Noise and Vibration Related:** (i) The Proponent shall carry out only the Controlled Blasting operation using NONEL shock tube initiation system during daytime. Usage of other initiation systems such as detonating cord/fuse, safety fuse, ordinary detonators, cord relays, should be avoided in the blasting operation. The mitigation measures for control of ground vibrations and to arrest fly rocks should be implemented meticulously under the supervision of statutory competent persons possessing the I / II Class Mines Manager / Foreman / Blaster certificate issued by the DGMS under MMR 1961, appointed in the quarry. No secondary blasting of boulders shall be carried out in any occasions and only the Rock Breakers (or) other suitable non-explosive techniques shall be adopted if such secondary breakage is required. The Project proponent shall provide required number of the security sentries for guarding the danger zone of 500 m radius from the site of blasting to ensure that no human/animal is present within this danger zone and also no person is allowed to enter into (or) stay in the danger zone during the blasting. (ii) Appropriate measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs, (iii) Noise levels should be monitored regularly (on weekly basis) near the major sources of noise generation within the core zone.
14. Ground water quality monitoring should be conducted once in every six months and the report should be submitted to TNPCB.
15. The operation of the quarry should not affect the agricultural activities & water bodies near the project site and a 50m safety distance from water body should be maintained without carrying any activity. The proponent shall take appropriate measures for "Silt Management" and prepare a SOP for periodical de-siltation indicating the possible silt content and size in case of any agricultural land exists around the quarry.
16. The proponent shall provide sedimentation tank / settling tank with adequate capacity for runoff management.
17. The proponent shall ensure that the transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village Road and shall take


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


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


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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, about the project information as shown in the Appendix –II of this minute.
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).


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Appendix -I

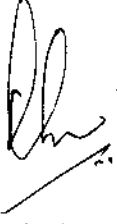
List of Native Trees Suggested for Planting

1. *Aeglemarmelos*-Vilvam
2. *Adenaantherapavonina*-Manjadi
3. *Albizialebbeck*-Vaagai
4. *Albiziaamara*-Usil
5. *Bauhinia purpurea* - Mantharai
6. *Bauhinia racemosa* - Aathi
7. *Bauhinia tomentosa*-Iruvathi
8. *Buchananiaaillaris*-Kattuma
9. *Borassusflabellifer*- Panai
10. *Buteamonosperma* - Murukkamaram
11. *Bobaxceiba*- Ilavu, Sevvilavu
12. *Calophylluminophyllum* - Punnai
13. *Cassia fistula*- Sarakondrai
14. *Cassia roxburghii*- Sengondrai
15. *Chloroxylonsweitenia* - Purasamaram
16. *Cochlospermumreligiosum*- Kongu, Manjallavu
17. *Cordiadichotoma*- Mookuchalimaram
18. *Cretevaadansonii*-Mavalingum
19. *Dilleniaindica*- Uva, Uzha
20. *Dilleniapentagyna*- SiruUva, Sitruzha
21. *Diospyrosebenum*- Karungali
22. *Diospyroschloroxylon*- Vaganai
23. *Ficusamplissima*- Kalltchi
24. *Hibiscus tiliaceous*-Aatrupoovarasu
25. *Hardwickiabinata*- Aacha
26. *Holopteliaintegrifolia*-Aayili
27. *Lanneacoromandelica* - Odhiam
28. *Lagerstroemia speciosa* - Poo Marudhu
29. *Lepisanthustetraphylla*- Neikottaimaram
30. *Limoniaacidissima* - Vila maram
31. *Litseaglutinosa*-Pisinpattai
32. *Madhucalongifolia* - Illuppai
33. *Manilkarahexandra*-UlakkaiPaalai
34. *Mimusopselengi* - Magizhamaram
35. *Mitragynaparvifolia* - Kadambu
36. *Morindapubescens*-Nuna
37. *Morindacitrifolia*- VellaiNuna
38. *Phoenix sylvestre*-Eachai
39. *Pongamiapinnata*-Pungam
40. *Premnamollissima*- Munnai
41. *Premnaserratifolia*- Narumunnai
42. *Premnatomentosa*-PurangaiNaari, PudangaNaari

43. *Prosopiscinerea* - Vannimaram
44. *Pterocarpusmarsupium* - Vengai
45. *Pterospermumcanescens*-Vennangu, Tada
46. *Pterospermumxylocarpum* - Polavu
47. *Puthranjivaroxburghii*-Puthranjivi
48. *Salvadorapersica*- UgaaMaram
49. *Sapindusemarginatus*- Manipungan, Soapukai
50. *Saracaasoca* - Asoca
51. *Streblusasper*- Pirayamaram
52. *Strychnosnuxvomica*-Yetti
53. *Strychnopotatorium* - TherthangKottai
54. *Syzygiumcumini* - Naval
55. *Terminaliabellerica*- Thandri
56. *Terminalia arjuna*- Venmarudhu
57. *Toona ciliate* - Sandhanavembu
58. *Thespesiapopulnea*- Puvarasu
59. *Walsuratrifoliata*-valsura
60. *Wrightiatinctoria*- Vep


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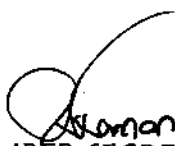


Appendix –II
Display Board
(Size 6' x5' with ~~Green~~ ^{Blue} Background and White Letters)

-----சுரங்கம்

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

பகமை பகுதி வளர்ச்சி மேம்பாட்டுக்கான சுரங்கத் திட்டம்	குவாரியின் எல்லையைச் சுற்றி வேலி அமைக்க வேண்டும்.
	சுரங்கப்பாதையின் ஆழம் தரைமட்டத்திலிருந்து மீட்டர்க்கு மிகாமல் இருக்க வேண்டும்.
நடப்பட்டு பராமரிக்கப்பட வேண்டிய மரங்கள் எண்ணிக்கை:	காற்றில் மாக ஏற்படாதவாறு சுரங்க பணிகளை மேற்கொள்ள வேண்டும்.
	வாகனங்கள் செல்லும் பாதையில் மாக ஏற்படாத அளவிற்கு தண்ணீரை முறையாக தண்ணீர் லாரிகளின் மூலமாக அவ்வப்போது தெளிக்க வேண்டும்.
	இரைச்சல் அளவையும் தூசி மாகபாட்டையும் குறைப்பதற்காக குவாரியின் எல்லையை சுற்றி அடர்த்தியான பகமை பகுதியை ஏற்படுத்த வேண்டும்.
	சுரங்கத்தில் வெடி வைக்கும்பொழுது நிலஅதிர்வுகள் ஏற்படாதவாறும் மற்றும் கற்கள் பறக்காதவாறும் பாதுகாப்பு நடவடிக்கைகளை உன்னிப்பாக செயல்படுத்தப்பட வேண்டும்.
	சுரங்கத்தில் இருந்து ஏற்படும் இரைச்சல் அளவு 85 டி.சி.பி.எஸ் (dBA) அளவிற்கு மேல் ஏற்படாதவாறு தகுந்த கட்டுப்பாடுகளை மேற்கொள்ள வேண்டும்.
	சுரங்க சட்ட விதிகள் -955ன் கீழ் சுரங்கத்தில் உள்ள பணியாளர்களுக்கு தகுந்த பாதுகாப்பு கருவிகள் வழங்குவதோடு சுகாதாரமுள்ள கழிப்பறை வசதிகளை செய்து தர வேண்டும்.
	கிராமம் அல்லது பஞ்சாயத்து வழியாக வாகனங்கள் செல்லும் சாலையை தொடர்ந்து நன்கு பராமரிக்க வேண்டும்.
	சுரங்கப்பணிகளால் அருகில் உள்ள விவசாயப் பணிகள் மற்றும் நீர்நிலைகள் பாதிக்கப்படக் கூடாது.
	நீர்நிலைகள் பாதிக்கப்படாமல் இரூப்பதை உறுதி செய்யும் வகையில் நிலத்தடி நீரின் தரத்தினை 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 முடித்துவிட்டனர் சுரங்கப் பகுதி மற்றும் சுரங்க நடவடிக்கைகளால் இடைபூறு ஏற்படக்கூடிய வேறு எந்தப் பகுதியையும் மறுகட்டுமானம் செய்து தாவரங்கள் விலங்குகள் ஆகியவற்றின் வளர்ச்சிக்கு ஏற்ற வகையில் பகமைப்பகுதியை உருவாக்க வேண்டும்.
	முழுமையான நிபந்தனைகளை அறிய பாரிவேஷ் (http://parivesh.nic.in) என்கிற இணையதளத்தைப் பார்வையிடவும். மேலும் எந்தவித சுற்றுத்தழல் சார்ந்த புகார்களுக்கு சென்னையில் உள்ள சுற்றுத்தழல் மற்றும் வன அமைச்சகத்தின் ஒருங்கிணைந்த வட்டார அலுவலகம்: 044 - 28222325 (அல்லது) தமிழ்நாடு மாக கட்டுப்பாடு வாரியத்தின் மாவட்ட சுற்றுத்தழல் பொறியாளரை அணுகவும்.


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