

10. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report.
11. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report.
12. EIA report should strictly follow the EIA mining manual.
13. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas.
14. The EIA study report shall include the surrounding mining activity, if any.
15. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures.
16. A study on the geological resources available shall be carried out and reported.
17. A specific study on agriculture & livelihood shall be carried out and reported.
18. Impact on ponds, rivers and other water bodies to be elaborated.
19. Impact of soil erosion, soil physical chemical and biological property changes may be assumed.
20. The recommendation for the issue of Terms of Reference is subject to the final 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).

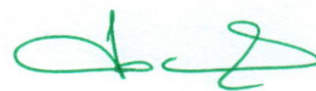
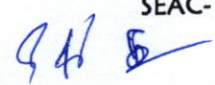
Agenda No.130-11:

(File No. 6763/2019)

Proposed Rough stone quarry over an extent of 2.00.0 ha in S.F.Nos. 701(Part-1) of Kallakurikki Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu Thiru. K.P.Satheesh- for Environmental Clearance.

(SIA/TN/MIN/35588/2019)

The proposal was placed in the 130th SEAC Meeting held on 11.06.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government order/Lease details :

The District Collector, Krishnagiri vide Letter No. Roc.No.1251/2018/Mines dated 10.11.2018 directed the proponent (K.P.Satheesh) to get approved Mining Plan and Environment Clearance for Rough Stone quarry in S.F.No: 701 (Part-1), revenue land, over an area of 2.00.0 hectares, Kallukurikki Village, Krishnagiri Taluk & District, Tamil Nadu.

2. Mining Plan/Scheme of Mining approval details:

The Mining Plan was approved by Deputy Director, DGM, Krishnagiri vide Rc. No.1251/2018/Mines, dated 19.12.2018 for a period of 5 years.

The following are the production and developmental works to be carried out for 5 years as given in the table below,

Year	ROM (m ³)	Proposed Production @ 95% (m ³)	Rejects @ 5% (m ³)
First	63750	60562	3188
Second	63750	60562	3188
Third	63250	60088	3162
Fourth	63400	60230	3170
Fifth	68250	64838	3412
Total	322400	306280	16120

3. As per the Approved Mining Plan for a period of 5 years, the total quantity of recoverable rough stone as proposed should not exceed 3,06,280 m³.

1st Year – 60,562 m³

2nd Year – 60,562 m³

3rd Year – 60,088 m³

4th Year – 60,230 m³

5th Year – 64,838 m³

4. The waste that will be resulting for the next 5 years will be Rough stone rejects of 16,120 m³ (5% Rejects).

5. Mining operation will be by opencast semi mechanized method with (Jackhammer) drilling and blasting and for loading and transport by Hydraulic excavator and tipper combination.

6. Rough stone is to be transported by 2 tippers of 10 MT capacity.

The SEAC noted the following:

1. The Proponent, Thiru. K.P.Satheesh has applied for Environmental Clearance to SEIAA-TN for the Proposed Rough stone quarry over an Extent of 2.00.0 Ha in S.F.No.324/1 of 701(Part-1) of Kallakurikki Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu.
2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. The Deputy Director, Dept of Geology and mining , Krishnagiri vide in his letter Rc.No.1251/2018/Mines -1 dated 01.04.2019 stated that , the details of quarry situated within 500 m radial distance from the said quarry are furnished as follows;

Thiru. K.P.Satheesh Rough stone quarry from over an Extent of 2.00.0 Ha in S.F.No.324/1 of 701(Part-1) of Kallakurikki Village, Krishnagiri Taluk, Krishnagiri District, Tamil Nadu.

The SEAC decided to recommend the proposal for grant of Environment Clearances to SEIAA subject to normal condition in addition to following conditions:

1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB.
2. Proper barrier for reducing the Noise level shall be established.
3. Badatala eri is located at within 300 m from the project site. What are the mitigation measures proposed to protect the water body from the operation of the quarry shall be furnished before placing the subject to SEIAA.
4. The proponent proposes to adopt blasting in the mining operation. In view of close proximity to the habitation, agricultural lands and reserved forests, the proponent shall carry out controlled blasting operation in the mine. Here the proponent shall undertake a scientific study involving reputed institutions such as Anna University, IIT, NIT, ISEE etc., to design the controlled blasting technique to reduce the vibration and eliminate the fly rock production from the mine.
5. Occupational Health & Safety: The proponent should take all measures to protect the safety and health of the people likely to work in the mining project.




6. The waste generated should be dumped in the area allocated (within Lease area) for dumping purpose ensuring its stability of slope.
7. The proponent shall appoint the statutory personnel in the mines as per the provisions of Mines Act, 1952 and MMR, 1961.
8. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
9. The Project Proponent shall comply with the mining and other relevant rules and regulations wherever applicable.
10. 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 monitored by the District Authorities.
11. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principal Bench, New Delhi. 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).
12. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
13. To ensure safety along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
14. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
15. Detailed action plan proposed for mining closure shall be submitted before placing the subject to SEIAA.
16. CER activities should be carried out for strengthening and maintaining of tank bunds in the vicinity of the project area and shall be carried out in consultation with the PWD for an amount of Rs. 1,76,000 (2 % of the project cost) as

committed by the proponent as per Office Memorandum of MoEF & CC dated 01.05.2018.

Agenda No.130-12:

(File No. 6778/2019)

Proposed Rough stone & Gravel quarry over an Extent of 4.05.12ha in S.F.Nos. 527 (P) & 528/1A at Karudaiyampalayam Village of Aravakurichi Taluk, Karur District, Tamil Nadu by Thiru. K.Thirunavukkarasu– for Environment Clearance.

(SIA/TN/MIN/36581/2019) dated: 22.05.2019

The proposal was placed in the 130th SEAC Meeting held on 11.06.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. Government order/ Lease details:

The Quarry lease was applied in the name of Thiru. K. Thirunavukkarasu, Namakkal District, Precise Area Communication letter was issued by the District Collector, Karur District vide Rc. No. 806/Mines/2018 dated 28.12.2018 for a period of Five years. It is a Fresh lease for quarrying of Rough stone & Gravel over an Extent of 4.05.12ha in S.F.Nos. 527 (P) & 528/1A at Karudaiyampalayam Village, Aravakurichi Taluk, Karur District.

2. Mining Plan/Scheme of Mining approval details:

Mining plan was prepared for the period of Five years. The Mining Plan was approved from the Deputy Director, Department of Geology and Mining, Karur District vide Rc. No. 806/Mines/2018, dated 04.01.2019.

3. As per the Department of Geology and Mining, Karur District. Mining plan approved for 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 4,99,405m³ and Gravel should not exceed 15,142m³ upto a depth of 48m.

For First year - Roughstone – 99,025 m³ & Gravel–6,968m³

For Second year - Rough stone – 1,00,800 m³ & Gravel – 6,030 m³

For Third year - Rough stone – 99,830 m³ & Gravel – 2,144 m³

For Fourth year - Rough stone – 86,175 m³

For Fifth year - Rough stone – 1,13,575m³

4. Quarrying operation will be done by Opencast Semi Mechanized method with Excavator, jackhammer drilling and blasting (with 25mm dia holes).