

6. Detail of Solid Waste management plan shall be prepared as per Solid waste management Rules, 2016 and same shall be furnished.
7. Detailed storm water management plan considering the project site and the surrounding area to be prepared and may be furnished to SEIAA.
8. For CER: The project proponent shall allocate and utilize the CER fund of Rs. 50 Lakhs for the restoration of water bodies around the project site as per MOEF & CC OM dated: 01.05.2018 before applying for CTO from TNPCB. In this regards, the proponent shall furnish the plan of action with detail of water bodies to be adopted for utilization of CER before placing the subject to SEIAA.

Agenda No. 127-15:

(File No. 6739/2019)

Proposed Rough Stone and Gravel quarry for over an Extent of 4.51.5 hectare of Patta lands in S.F.Nos.54/4B (P), 55/1A, 55/1B, 55/3, 55/2, 54/4A, 54/3B, 41/2A3 (P), 54/2,41/2A1(P) and 41/2A2, of Melapaluvur Village, Ariyalur Taluk and District in the state of Tamil Nadu by Tvl. KNR Constructions Limited – For Environment Clearance.

(SIA/TN/MIN/31903/2019) dated: 26.02.2019

The proposal was placed in the 127th SEAC Meeting held on 15.03.2019. 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 TVL. KNR CONSTRUCTIONS LIMITED, Ariyalur District, Precise Area Communication letter was issued by the Districts Collector, Ariyalur vide R.c.No. 252/G&M/2018, dated 03.01.2019 for a period of five years. It is a Fresh lease Rough Stone and Gravel quarry for over an Extent of 4.51.5 hectare of Patta lands in S.F.Nos.54/4B(P), 55/1A, 55/1B, 55/3, 55/2, 54/4A, 54/3B, 41/2A3(P), 54/2,41/2A1(P) and 41/2A2, of Melapaluvur Village, Ariyalur Taluk and District.


CHAIRMAN
SEAC-TN

2. Mining Plan/Scheme of Mining approval details:

Mining plan was prepared for the period of Five years. The Mining Plan was got approval from the Deputy Director, Department of Geology and Mining, Ariyalur vide Rc. No, 252/G&M/2018 dated 31.01.2019 for the period of five years.

3. As per the Department of Geology and Mining, Ariyalur District, Mining plan approved for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 4,94,905m³ and Gravel 55826 m³.

For First year - Rough stone - 1,78,480 m³ and Gravel - 39011 m³

For Second year - Rough stone - 1,78,091 m³ and Gravel-10089 m³

For Third year - Rough stone- 45,541 m³ and Gravel-6726 m³

For Fourth year - Rough stone-45,946 m³

For Fifth year - Rough stone -46,847m³

4. The waste (Topsoil + Weathered Rock) that will be resulting in the quarrying operation for the 5 years $15,120 \text{ m}^3 + 37,097 \text{ m}^3 = 52,217 \text{ m}^3$.
5. The depth of the quarry will be 25m below the ground level. The ultimate pit dimension 169m (length) x 179m (width) x 25m (depth).
6. The water table is found to be at the depth of 40m in summer and 37m in rainy season.
7. Quarrying operation will be by Opencast Semi Mechanized Method with (Jackhammer) drilling and blasting.
8. Rough stone is to be transported by tippers of 5 Nos (5/10 T capacity).

The SEAC noted the following:

1. The Proponent, Tvl. KNR Constructions Limited has applied for EC to SEIAA-TN on 12.03.2019 for the Proposed Rough Stone and Gravel quarry for over an Extent of 4.51.5 hectare of Patta lands in S.F.Nos.54/4B (P), 55/1A, 55/1B, 55/3,


CHAIRMAN
SEAC-TN

55/2, 54/4A, 54/3B, 41/2A3(P), 54/2,41/2A1(P) and 41/2A2, of Melapaluvur Village, Ariyalur Taluk and District, Tamilnadu.

2. The project/activity is covered under Category "B2" of Item 1(a) "Mining of Minor Mineral Projects" of the Schedule to the EIA Notification, 2006.

Based on the presentation made by the proponent and the documents furnished, the SEAC decided to direct the proponent to furnish the following details:

1. Karaivetti bird sanctuary is located at distances of 7.2 km from the project site. As per MoEF&CC guidelines the project proponent shall submit the acknowledgement of the application submitted to Nation Board for Wild Life clearances. SEAC directed the project proponent to submit the same.
2. The Detail mining closure plan for the proposed project shall be shall be submitted.
3. The countour level of the proposed quarry site shall be studied and the same shall be furnished to SEIAA.
4. The hydro geological study shall be conducted on the report shall be furnished.
5. The proposal for CER as per the Office Memorandum of MoEF & CC dated 01.05.2018 shall be furnished.
6. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
7. The details of quantity of blasting material stored and used in the premises.

On receipt of the above details, SEAC will decide the further course of action on the proposal.

Agenda No. 127-16:

(File No. 6743/2019)

Proposed Earth / Savudu / Gravel quarry over an extent of 4.50.0 Kattuva Eri in S. F. No. 320 in Utkottai (North) Village, Udayarpalayam Taluk and Ariyalur District in the state of Tamil Nadu by Tvl. Patel Infrastructure Limited, – For Environment Clearance.


CHAIRMAN
SEAC-TN