

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).

5. Rough stone are to be transported by Tippers of 5 Nos.(10 T Capacity).
6. The Water table is found to be at the depth of 50m in summer and 45m in rainy season.

The SEAC noted the following:

1. The Proponent, Thiru. K.Thirunavukkarasu has applied for Environmental Clearance to SEIAA-TN for the Proposed for Rough stone quarry from over an Extent of 4.05.12ha in S.F.Nos. 527 (P) & 528/1A at Karudaiyampalayam Village, Aravakurichi Taluk, Karur 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 part of the lease applied area S.F.No.527 over an extent of 3.80.5 ha in quarrying activities the lease period 31.01.2014 to 30.01.2019.
4. Environmental Clearance was obtained earlier for previous working in S.F.No.527 vide Lr.No.SEIAA-TN/F.No.1701/EC/1(a)/846/2013 dated: 18.10.2013 from the SEIAA-TN, the EC validity expired on 17.10.2018.
5. The Deputy Director, Geology of mines, Karur District vide in his letter dated 04.01.2019 has informed that within 500 m radius only this proposed quarry exists.

Based on the presentation made by the proponent and the documents furnished. The SEAC instruct the project proponent to furnish the following details:

1. The depth of the mining proposed for this project as per mining plan approval 48 m. whereas the Water table is found to be at the depth of 50m in summer and 45m in rainy season. There is intersection of ground water. How the ground water during intersection of the ground water shall be managed.
2. Hence, the 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. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be

obtained and copy furnished.

3. A detailed study of the lithology of the mining lease area shall be furnished.
4. Details of village map, A register and FMB sketch shall be furnished.
5. Environmental Clearance was obtained for previous working for S.F.No.527 over an extent of 3.80.5 Ha vide Lr.No.SEIAA-TN/F.No.1701/EC/1(a)/846/2013 dated: 18.10.2013 from the SEIAA-TN, the EC validity is expired on 17.10.2018. Now , the proponent has applied for proposed Rough stone & Gravel quarry lease over an extent of 4.05.12 Ha in S.F.Nos 527 p & 528/1A of Karudaiyampalayam Village, Aravakurichi Taluk, Karur District. Hence, the proponent has to clarify whether the project falls under expansion. If, it so furnish the compliance report for the EC obtained earlier.
6. Social economic impact in and around the project site shall be furnished.
7. Impact on the fugitive emission on the proposed operation of the Rough stone and Gravel quarry shall be furnished.
8. The High tension line of EB passing the mining lease area. Hence, necessary permission shall be obtained from the TNEB for the operation of the quarry.
9. Detailed action plan proposed for mining closure shall be submitted.
10. CER proposal as per Office Memorandum of MoEF & CC dated 01.05.2018 shall be furnished with time frame.

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

Agenda No.130-13:

(File No. 6819/2019)

Proposed Multicolour Granite quarry over an Extent of 1.33.0 ha in S.F.Nos. 367/20, 367/22, 368/12A, 368/12B, 368/13, 368/14, 368/15, 368/16, 368/17, 370/8, 370/9, 370/10 & 370/11(P), Ilayanathankudi North Village, Thirupattur Taluk, Sivagangai District, Tamil Nadu by Thiru. D.Loganathan – for Environment Clearance.

(SIA/TN/MIN/35670/2019)

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