

8. AAQ survey shall be conducted for the PM<sub>10</sub> & PM<sub>2.5</sub> and the report shall be furnished.

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

**Agenda No.130-05:**

**(File No. 6800/2019)**

**Proposed Rough stone & Gravel quarry lease over an extent of 2.15.5 Ha in S.F.Nos 225/1, 269/1, 269/2, 270/1 & 270/2 of Chinnakamanpatti Village, Sattur Taluk, Virudhunagar District, Tamil Nadu by Thiru.P. Karuppasamy– for Terms of Reference. (SIA/TN/MIN/35458/2019) dated: 29.04.2019**

The proposal was placed in the 130<sup>th</sup> 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 Thiru.P. Karuppasamy, Virudhunagar, Precise Area Communication was issued by the District Collector, Virudhunagar vide Na.Ka.No.KV1/499/2018-Mines, dated 31.10.2018 for a period of 5 years. It is a Fresh lease for Rough stone & Gravel quarry lease over an extent of 2.15.5 Ha in S.F.Nos 225/1, 269/1, 269/2, 270/1 & 270/2 of Chinnakamanpatti Village, Sattur Taluk, Virudhunagar District.

2. Mining Plan/Scheme of Mining approval details:

The Mining plan was prepared for the period of 5 years. The Mining Plan was approved by the Deputy Director, Department of Geology and Mining, Virudhunagar vide letter Rc. No. KV1/499/2018, dated 19.11.2018.

3. The production schedule for five years states that the total quantity of Rough stone & Gravel recovery should not exceed 116440m<sup>3</sup> of Rough stone & 82110 cu.m of Gravel.

For First Year - 23440m<sup>3</sup> of Rough stone & 15210 cu.m of Gravel

For Second year - 23040m<sup>3</sup> of Rough stone & 19200 cu.m of Gravel

For Third year - 23320 m<sup>3</sup> of Rough stone & 15900 cu.m of Gravel

For Fourth year - 23320 m<sup>3</sup> of Rough stone & 15900 cu.m of Gravel

  
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For Fifth year - 23320 m<sup>3</sup> of Rough stone & 15900 cu.m of Gravel

4. The Overburden in the form of Gravel. The Gravel will be used for filling and levelling of low lying areas.
5. Quarrying Operation will be done by Opencast Semi Mechanised method.
6. Rough stone is to be transported by tippers of 1 Nos. (20 T capacity).
7. The Water table is found to be at the depth of 40m from general ground profile.

The SEAC noted the following:

1. The Proponent, Thiru.P. Karuppasamy has applied for Terms of Reference to SEIAA-TN for the Proposed for Rough stone & Gravel quarry from over an Extent of 2.15.5 Ha in S.F.Nos 225/1, 269/2, 270/1 & 270/2 of Chinnakamanpatti Village, Sattur Taluk, Virudhunagar District, Tamil Nadu.
2. The project/activity is covered under Category "B1" 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 , Virudhunagar vide in his letter Roc.No.KV1/499/2018 dated 19.11.2018 stated that

The Details of quarry within 500 m radius from the applied area

Existing quarry

1. S.Geetha S.F.No. 215/2A,1B,2,3,224/2B,2D,2E,2F, Chinnakamanpatti village over an extent of 2.72.5 without mentioning unit
2. Nalini Annamalaiyar S.F.No. 212/1,212/2,213 & 214/2A Chinnakamanpatti village over an extent of 4.29.0 without mentioning unit

Abandoned quarry - Nil

Proposed quarry - Nil

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

1. A detail study of the lithology of the mining lease area shall be furnished.
2. Mining plan approval was prepared for the S.F.No.225/1,269/1,269/2,270/1 and 270/2 whereas application was submitted for Terms of Reference to SEIAA-TN for the Proposed for Rough stone & Gravel quarry from over an Extent of 2.15.5 Ha in S.F.Nos 225/1,



269/2, 270/1 & 270/2 of Chinnakamanpatti Village, Sattur Taluk, Virudhunagar District, Tamil Nadu. 269/1 is missing in the application. This needs to be clarified.

3. Details of village map, A register and FMB sketch shall be furnished.
4. AAQ survey shall be conducted for the PM<sub>10</sub> & PM<sub>2.5</sub> and furnish the report.
5. The project proponent has obtained EC for Rough stone quarrying at S.F.225/1,271/1,271/2,272/2,272/1,272/2, Chinnakamanpatti Village, Sattur Taluk, Virudhunagar District. Now , the proponent has applied for proposed Rough stone & Gravel quarry lease over an extent of 2.15.5 Ha in S.F.Nos 225/1, 269/1, 269/2, 270/1 & 270/2 of Chinnakamanpatti Village, Sattur Taluk, Virudhunagar District, Tamil Nadu. Hence, the proponent has to clarify whether the project falls under expansion. If , it so furnish the compliance report.
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. Detailed action plan proposed for mining closure shall be submitted.
9. CER proposal as per Office Memorandum of MoEF & CC dated 01.05.2018 shall be furnished with time frame.
10. In the Deputy Director, Dept of Geology and mining , Virudhunagar vide in his letter Roc.No.KV1/499/2018 dated 19.11.2018 extent of area is mentioned without unit. Hence, the SEAC decided that the project proponent shall get those details and the following information from the AD/DD Mines, Virudhunagar District in the following format

“Letter from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 500 m from the boundary of the proposed quarry site in the following format.

| Sl.No.               | Name of the Quarry Owner | Name of Village & Survey Number | Extent in Hectare | Distance from this proposed Quarry |
|----------------------|--------------------------|---------------------------------|-------------------|------------------------------------|
| e. Existing quarries |                          |                                 |                   |                                    |

|                              |  |  |  |  |
|------------------------------|--|--|--|--|
| 1                            |  |  |  |  |
| 2                            |  |  |  |  |
| f. Abandoned quarries        |  |  |  |  |
| 1                            |  |  |  |  |
| 2                            |  |  |  |  |
| g. Present Proposed quarries |  |  |  |  |
| 1                            |  |  |  |  |
| 2                            |  |  |  |  |
| h. Future Proposed quarries  |  |  |  |  |
| 1                            |  |  |  |  |
| 2                            |  |  |  |  |
| Total extent                 |  |  |  |  |

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

**Agenda No.130-06:**

**(File No. 6801/2019)**

**Proposed Rough stone & Gravel quarry lease over an extent of 4.31.5 Ha in S.F.Nos 227/1, 227/2A, 227/3A & 228 of Chinnakamanpatti Village, Sattur Taluk, Virudhunagar District, Tamil Nadu by Tmt. Nalini Annamalaiyan– for Terms of Reference.**

**(SIA/TN/MIN/35336/2019) dated: 26.04.2019**

The proposal was placed in the 130<sup>th</sup> 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 Tmt. Nalini Annamalaiyan, Virudhunagar, Precise Area Communication was issued by the District Collector, Virudhunagar vide Na.Ka.No.KV1/808/2018-Mines, dated 16.02.2019 for a period of 5 years. It is a Fresh lease for Rough stone & Gravel quarry lease over an extent of 4.31.5 Ha in S.F.Nos 227/1, 227/2A, 227/3A & 228 of Chinnakamanpatti Village, Sattur Taluk, Virudhunagar District.

2. Mining Plan/Scheme of Mining approval details:



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