

11. A canal is passing through the mining lease area. The project proponent should ensure that canal should not be affected due to the activity of the mining.
12. Proper barrier for reducing the noise level shall be established and the report shall be furnished.
13. To prevent fugitive dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. Details need to be provided.
14. Detailed action plan proposed for mining closure shall be submitted with the approval of Geology of mining Department.
15. CER activity should be carried out as per Office Memorandum of MoEF & CC dated 01.05.2018.

Agenda No.130-10:

(File No. 6775/2019)

Proposed Rough stone and Gravel quarry over an Extent of 7.41.5 Ha in S.F.Nos. 272/3, 272/4, 273/1, 273/2, 273/3, 277/1 & 1240 at Kullapuram Village of Periyakulam Taluk, Theni District, Tamil Nadu by Thiru. A. Kumar– for Terms of Reference.

(SIA/TN/MIN/34183/2019 dated: 04.04.2019)

The proposal was placed in the 130th SEAC Meeting held on 10.06.2019. 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. A. Kumar, Theni District, Precise Area Communication letter was issued by the District Collector, Theni District vide Rc.No.381/Mines/2018 dated 09.03.2019 for a period of Five years.

2. Mining Plan/Scheme of Mining approval details:

Mining plan was prepared for the period of Five years. The Mining Plan was approved by the Assistant Director (i/c), Department of Geology and Mining, Theni District vide Rc. No. 381/Mines/2018, dated 22.03.2019.

3. As per the mining plan approved by the AD, Department of Geology and Mining, Theni District. The production schedule for 5 years states that the total quantity of Rough stone should not exceed 21,05,265m³ and Gravel should not exceed

2,98,056m³ upto a depth of 60m (20m above ground level and 40m below ground level).

For First year	- Rough stone – 4,11,895 m ³ &Gravel–1,07,000m ³
For Second year	- Rough stone – 3,64,985 m ³ & Gravel – 85,904 m ³
For Third year	- Rough stone – 4,29,545 m ³ &Gravel–1,05,152m ³
For Fourth year	- Rough stone – 4,26,925 m ³
For Fifth year	- Rough stone – 4,71,915m ³

4. The Overburden is 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 Mechanized method with Excavator, jackhammer drilling and blasting (with 25mm dia holes).
6. Rough stones are to be transported by Tippers of 5 Nos.(20 Ts Capacity).
7. The water table is at the depth of 55m in summer and 50m in rainy season.
8. Kodaikanal wildlife sanctuary is located 7.4 km Northern side of proposed quarry.

The SEAC noted the following:

1. The Proponent, Thiru. A. Kumar has applied for Terms of Reference to SEIAA-TN for the Proposed for Rough stone & Gravel quarry from over an Extent of 7.41.5 Ha in S.F.Nos. 272/3, 272/4, 273/1, 273/2, 273/3, 277/1 & 1240 at Kullapuram Village of Periyakulam Taluk, Theni District, Tamil Nadu.
2. The project/activity is covered under Category “B” of Item 1(a) “Mining of 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 recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the normal conditions as part of ToR:

1. Kodaikanal wildlife sanctuary is located 7.4 km Northern side of proposed quarry as per MoEF & CC, GoI, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wild Life angle including clearance from the National Board for Wild life as applicable shall be obtained before starting the quarrying operation.
2. The proposal for green belt activities shall be furnished.
3. The Socio economic studies should be carried out within 10km buffer zone from the mines.

4. Detailed mine closure plan for the proposed project approved by the Geology of Mining department shall be submitted along with EIA report.
5. The spot level and contour level of the proposed quarry site shall be studied and the same shall be furnished to along with EIA.
6. Hydro geological studies shall be carried out to evaluate the impact of mining activities on the surrounding agricultural farms and habitations. A study report shall be submitted on the possible adverse impact and its mitigation measures on agriculture, vegetation, and economics of the people living nearby.
7. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining shall be submitted.
8. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018.
9. 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 area of mining and below the mining area and the same shall be furnished in the EIA report.
10. Ground water quality monitoring should be conducted for every month and the report shall furnish in the EIA report.
11. EIA report should strictly follow the EIA mining manual.
12. Detailed plan on rehabilitation and reclamation proposed for the stabilization and restoration of the mined areas.
13. The EIA study report shall include the surrounding mining activity, if any.
14. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures.
15. A study on the geological resources available shall be carried out and reported.
16. A specific study on impact of mining on agriculture & livelihood shall be carried out and reported.
17. Impact on ponds, rivers and other water bodies to be elaborated.
18. Impact on soil erosion, soil physical chemical and biological property changes may be assessed.

19. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Hon'ble NGT, Principle 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. 6792/2019)

Proposed Rough Stone, Jelly & Gravel quarry to an extent of 4.96.0 Ha by M/s. Hi- Tech Rock Products & Aggregates Limited at S.F. No. 475,477 & 478, Irukkandurai Part-II Village, Radhapuram Taluk, Tirunelveli District, Tamil Nadu – For Environment Clearances
(SIA/TN/NCP/35254/2018)

The proposal was placed in the 129th SEAC Meeting held on 17.05.2019. 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. The Quarry lease was applied in the name of M/s. Hi-Tech Rock Products And Aggregates Limited, Precise Area Communication letter was issued by the District Collector, Tirunelveli vide Rc.No.M1/39681/2017 dated 14.11.2018 for a period of five years. It is a fresh lease Rough Stone, Jelly and Gravel quarry over an Extent of 4.96.0 ha in S.F. No. 475,477 & 478 Irukkandurai Part-II Village, Radhapuram Taluk, Tirunelveli District.
2. Mining plan was prepared for the period of Five years. The Mining Plan was approved by the Assistant Director, Department of Geology and Mining, Tirunelveli vide Rc.No.M1/39681/2017 dated 28.11.2018 for the period of five years.
3. As per the mining plan approved by the AD, Department of Geology and Mining, Tirunelveli District, The production schedule for 5 years states that the