

Agenda No. 128-16 :

(File No. 6754/2019)

Proposed Fresh lease Earth quarry over an extent of 4.50.0 hectares of (Ponneri) in S.F.Nos. 57, 58 & 62 in Amanakkanthondi Village, Udayarpalayam Taluk, Ariyalur District in the state of Tamil Nadu by Tvl.Patel Infrastructure Limited, – For Environmental Clearance.

(SIA/TN/MIN/32807/2018) dated: 12.03.2019

The proposal was placed in the 128th SEAC Meeting held on 15.04.2019. The project proponent gave detailed presentation. The salient features of the project as presented by the proponent are as follows:

1. Government order/ Lease details:

The Quarry lease was applied in the name of Tvl. Patel Infrastructure Limited, Gujarat, Precise Area Communication letter was issued by the District Collect, Ariyalur vide R.c.No. 327/G&M/2018 dated 10.12.2018. for a period of 3 months. It is a Fresh lease Earth quarry over an extent of 4.50.0 hectares of (Ponneri) in S.F.Nos. 57, 58 & 62 in Amanakkanthondi Village, Udayarpalayam Taluk, Ariyalur District

2. Mining Plan/Scheme of Mining approval details:

Mining plan was prepared for the period of 3 months. The Mining Plan was got approval from the Deputy Director, Department of Geology and Mining, Ariyalur vide R.c.No. 327 /G&M/2018 dated 31.01.2019.

3. As per the Department of Geology and Mining, Ariyalur District, Mining plan approved for the 3 months, the production schedule for 3 months states that the total Quantity of Gravel should not exceed 45,000m<sup>3</sup> upto a depth of 1m below the ground level.
4. There are no wastages anticipated during the quarrying operation. The entire Earth will be transported to the needy Customer's site.

5. Opencast method of shallow mining is proposed, Machineries like Excavator has proposed for this quarrying operation.
6. Earth is to be transported by tippers of 10 T capacity.

The SEAC noted the following:

1. The Proponent, Tvl.Patel Infrastructure Limited has applied for EC to SEIAA-TN on 12.03.2019 for the Proposed Fresh lease Earth quarry over an extent of 4.50.0 hectares of (Ponneri) in S.F.Nos. 57, 58 & 62 in Amanakkanthondi Village, Udayarpalayam Taluk, Ariyalur District, Tamilnadu.
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.

After perusal of the details, the SEAC decided to the recommended the proposal to SEIAA for issue of Environmental Clearance stipulated the following specific conditions in addition to the normal conditions:

1. The depth of the mining at any cost of time should not be below the depth of sill of sluice of the water tank.
2. The proposal for CER as per the Office Memorandum of MoEF & CC dated 01.05.2018 shall be furnished before placing the subject to SEIAA.
3. 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 before applying CTO from TNPCB.
4. The transportation of the mined out product should not disturb the tank bund structures and channel course.
5. Ground water quality monitoring should be conducted for every month and the report should be submitted to TNPCB.
6. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
7. Rainwater shall be pumped out Via Settling Tank only.



8. The project proponent shall undertake plantation/afforestation work by planting the native species on all side of the tanks bunds.
9. Floor of excavated pit to be levelled and sides to be sloped with gentle slope in the mine closure phase.
10. The Project Proponent shall comply the mining and other relevant rules and regulations where ever applicable.
11. Prior clearance from Forestry & Wild Life angle including clearance from obtaining committee of the National Board for Wild life as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10km from National Park and Sanctuaries.
12. 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.
13. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principle Bench, New Delhi 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), The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
14. The mining area must be demarcated leaving atleast 50m from the bund of the water tank on all the side.
15. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
16. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.