

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 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.


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(SIA/TN/MIN/32861/2019) dated: 12.03.2019

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. Patel Infrastructure Limited, Gujarat, Precise Area Communication letter was issued by the District Collector, Ariyalur vide R.c.No. 320/G&M/2018 dated 10.12.2018 for a period of 3 months. It is a Fresh lease 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.

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. 320/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 45,000m³ upto a depth of 1m below the ground level.

4. The ultimate pit dimension 450m (length) x 100m (width) x 1m (depth).

5. Opencast method of shallow mining is proposed, Machineries like Excavator has proposed for this quarrying operation. No drilling and blasting is proposed for this project

6. Earth/Savudu/Gravel 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 13.03.2019 for the Proposed Earth / Savudu / Gravel quarry over an extent


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of 4.50.0 Kattuva Eri in S. F. No. 320 in Utkottai (North) Village, Udayarpalayam Taluk and Ariyalur 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.

After perusal of the details, the SEAC decided to recommend 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. A detail report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining shall be submitted before placing the subject to SEIAA.
4. The proponent shall furnish the proof for availability of Minerals to be mined in the proposed site (earth, savudu & gravel) before placing the subject to SEIAA.
5. 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.
6. The transportation of the mined out product should not disturb the tank bund structures and channel course.
7. Ground water quality monitoring should be conducted for every month and the report should be submitted to TNPCB.
8. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
9. Rainwater shall be pumped out Via Settling Tank only.


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10. The project proponent shall undertake plantation/afforestation work by planting the native species on all side of the tanks bunds.
11. Floor of excavated pit to be levelled and sides to be sloped with gentle slope in the mine closure phase.
12. The Project Proponent shall comply the mining and other relevant rules and regulations where ever applicable.
13. 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.
14. 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.
15. 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.1017 of 2018.
16. The entire mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
17. The mining area must be demarcated leaving atleast 50m from the bund of the water tank on all the side.
18. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
19. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.

Agenda No. 127-17:

(File No. 6744/2019)

Proposed Earth / Savudu / Gravel quarry over an extent of 4.50.0 Ha Periya Eri in S. F. No. 110(P), Vembukudi Village, Udayarpalayam Taluk and Ariyalur District in the state of Tamil Nadu by Tvl. Patel Infrastructure Limited – For Environment Clearance.


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