

Minutes of the 98th SEAC Meeting held on 28th November 2017


98-0307 F. 6457/2017	Proposed quarrying of Sand in River Vellar over an extent of 9.00.0 Ha at S.F.No. 150 of T. Elamangalam Village, Thittagudi Taluk, Cuddalore District – Environmental Clearance- Regarding
	<p>The Executive Engineer, PWD, Mining & Monitoring Division, Villupuram applied for Environmental Clearance on 24.10.2017 for sand quarrying operation in the River Vellar over an extent of 9.00.0 Ha at S.F.No. 150 of T.Elamangalam Village, Thittagudi Taluk, Cuddalore District for quarrying of 90000 cu.m of Sand for a period of 2 years.</p> <p>In this regard, the project proponent was addressed to furnish certain additional details vide Lr No. SEIAA-TN/F.No. 6457/2016 dated: 26.10.2017. The proponent has not furnished the additional details as called for.</p> <p>The project proposal was placed in the 96th meeting of the SEAC held on 31.10.2017. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to defer the proposal for the following reason:</p> <ol style="list-style-type: none">1. The quarry site proposed is at a distance of 370m from Thittagudi – Vaiyalur bridge. However as per MMCR rules, 1959 “there shall be no quarrying of sand in any river bed or adjoining area or any other area which is located within 500m radial distances from the location of any bridge, water supply system, infiltration well or pumping installation of any local bodies or Central or State Government Department or the Tamil Nadu Water Supply and Drainage Board head works or any area identified for locating water supply schemes by any of the above mention Government Departments or other bodies”. <p>Hence, the SEAC decided to ask the proponent to revise the proposal including the mining plan to comply with the 500m distance requirement and resubmit the same for consideration of SEAC for the grant of EC.</p> <p>The proponent was addressed to revise the mining plan vide letter No. SEIAA-TN/ F.No. 6457/2017 dated: 10.11.2017. The proponent has resubmitted the revised mining plan on 28.11.2017.</p> <p>The revised proposal was placed in the 98th meeting held on 28.11.2017. Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to following conditions in addition to the normal conditions.</p>



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1. The proponent shall fix flag posts at boundaries for the proposed mining area covering an extent of 9.00.0 ha. There should be no deviation/ violation with respect to the area demarcated for quarrying.
2. The depth of sand quarrying shall be restricted to 1m from the theoretical bed level
3. To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
4. At no cost the impact of sand mining should interfere with the habitation and cultivation in the nearby area along the river bed.
5. The mining area must be demarcated leaving atleast 50m from the river embankment on either side.
6. Contouring of the river bed has to be taken to ascertain the relative levels of sand in the river and also to suggest the depth of sand mining.
7. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
8. Wherever irrigation channels take off from the river within the boundary of the mining project, the mining operation should not affect the flow of water in the irrigation channels.
9. The entire sand mining operation should be as per the guidelines for sustainable sand mining issued in 2016 by the MoEF & CC, GOI, New Delhi.
10. Around all the sand mining projects agricultural activities are seen. In addition the surroundings present thick greeneries. The mining operation should not affect the greeneries and the agricultural activities.
11. It is reported that T.Elamangalam Village is at 0.5km and Thitagudi Village is at 1.3km. It is reported that there are no bore wells / wells closer to the sand mining site.
12. The approach road and loading of the sand in the vehicles, movement of the vehicle should be planned and implemented in such a way that there is no noise and dust pollution in the nearby habitation. We recommend that PWD should maintain at least a safe distance of 300m from the habitations while planning the approach road and the loading operation. Wherever necessary and near the habitation in particular dust suppression

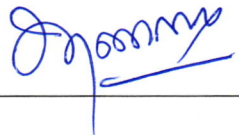
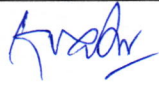
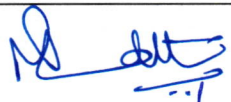
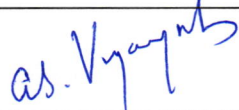

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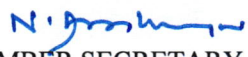

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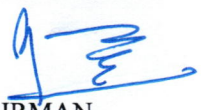
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measures to be adopted. While the loaded vehicle move on the road that should be fully covered with tarpaulin.

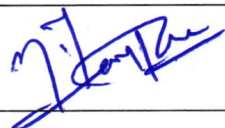
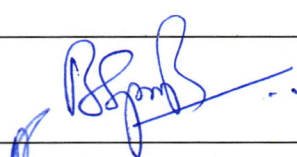
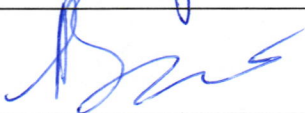
13. The mining operation should be above the ground water table.
14. The conditions stipulated above need to be monitored and reviewed on fortnightly basis by the Taluk Level Task Force headed by Tahsildhar. At least two representatives from reputed research organizations like NIT, Trichy, Anna University department, Trichy, Annamalai University and Bharathidasan University should be included in the task force. The committee should send the monthly monitoring report to SEIAA which will be scrutinized by SEAC.
15. Adequate statutory manpower to be deployed for complying with the provisions as per Mines Safety Regulations (MCDR, 2017 & MMR, 1961).
16. For the sand quarry at T. Elamangalam Village, Cuddalore District, 90000 cu.m of Sand is to be mined. The maximum number of Poclains permitted is 2 Nos
17. During the sand mining work, appropriate progressive mine closure activities must be implemented to restore the river bed to its original status for ensuring the free flow.

S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr. A. Navaneetha Gopalakrishnan	Member	
3	Dr.K.Valivittan	Member	
4	Dr.Indumathi M. Nambi	Member	
5	Dr. G. S. Vijayalakshmi	Member	


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6	Dr. M. Jayaprakash	Member	
7	Shri V. Sivasubramanian	Member	
8	Shri V. Shanmugasundaram	Member	
9	Shri B. Sugirtharaj Koilpillai	Member	
10	Shri. P. Balamadeswaran	Co-opt Member	
11	Shri. M.S. Jayaram	Co-opt Member	


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