

Minutes of the 107th SEAC Meeting held on 11th April 2018

107- F. 6540/2018	<p>Proposal for issue of Environmental Clearance for the proposed Sand Quarrying in River Vaigai over an extent of 16.91.0 ha at S.F. No. 51/2(P), 263 (P), Seikalathur & Manamadurai Village, Manamadurai Taluk, Sivagangai District - Regarding.</p>
	<p>The Executive Engineer, PWD, Mining & Monitoring Division, Trichy has applied for Environmental Clearance on 05.04.2018 for the proposed Sand Quarry in River Vaigai over an extent of 16.91.0 ha at S.F. No. 51/2(P), 263 (P), Seikalathur & Manamadurai Village, Manamadurai Taluk, Sivagangai District for the quarrying of 273146 cu.m of Shoals & 169100 cu.m of Sand for a period of 6 months.</p> <p>The subject was placed before the 107th SEAC Meeting held on 11.04.2018. In the meeting, the Executive Engineer, PWD was requested to make a presentation on the proposals of the PWD. Based on the presentation and the District Survey report (DSR) submitted by the proponent, the SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to following conditions in addition to the normal conditions.</p> <ol style="list-style-type: none">1. There is a bridge within 535 m of the proposed area of quarrying. The proponent was asked to restrict the mining area leaving a clear safety zone so as to not cause damage to the bridge. Instead of 660m x 200m mining area suggested the proponent should carry out within an area of 520m x 200m, leaving a distance of a minimum of 675m between the bridge and the sand mining boundary. To this extent before commencing the mining operations, the proponent will get the mining plan modified to undertake operations2. The proponent has also informed that they will restrict the quarrying operation to 544 lorry loads per day and that 10% manual operations and 90% mechanised mining (using 5 Poclains of 0.6 cu.m bucket capacity) will be carried out for a depth of 1m from the present river bed level.3. The proponent shall fix flag posts at boundaries for the proposed mining area covering an extent of 626m X 270m or 16.91.0 ha. There should be no deviation/ violation with respect to the area demarcated for quarrying.4. The depth of sand quarrying shall be restricted to 1m from the theoretical bed level.5. To prevent dust pollution, suitable working methodology needs to be



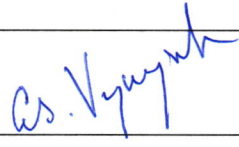

Member-Secretary, SEAC


Chairman, SEAC

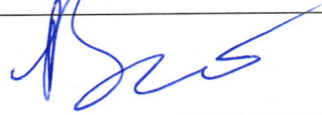
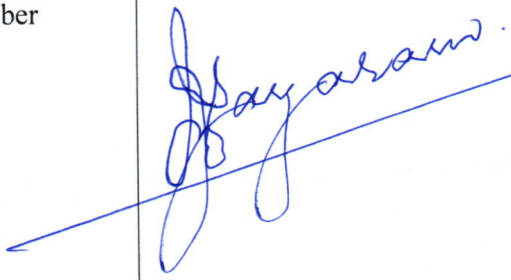
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	<p>adopted taking wind direction into consideration.</p> <ol style="list-style-type: none">6. At no cost the impact of sand mining should interfere with the habitation and cultivation in the nearby area along the river bed.7. The mining area must be demarcated leaving atleast 50m from the river embankment on either side.8. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.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. 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 measures to be adopted. While the loaded vehicle move on the road that should be fully covered with tarpaulin.12. The mining operation should be above the ground water table.13. 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.14. Adequate statutory manpower to be deployed for complying with the provisions as per Mines Safety Regulations (MCDR, 2017 & MMR, 1961).15. For the sand quarry at Seikalathur & Manamadurai Village,
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	<p>Manamadurai Taluk, Sivagangai District, of 273146 cu.m of Shoals & 169100 cu.m of Sand (442246 cu.m) is to be mined and SEAC recommends to use 5 Poclains (0.6 cu.m bucket capacity) maximum. At any given place, only a maximum of 2 poclains should be used.</p> <p>16. The methodology of mine advancement together with deployment of Poclains has to be given. An affidavit to the effect that only poclains of lesser capacity (0.6m³ bucket) will be used, has to be submitted by PWD.</p> <p>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.</p> <p>The recommendation for the grant of EC is also subject to the condition that the proponent Executive Engineer / WRD, Mining and Monitoring Division, Trichy Division fulfils the conditions imposed by the Hon'ble Madurai Bench of Madras High Court, in the order in W.P.(MD) Nos. 4251, 7960, 14577, 15121, 8655, 13836, 16150, 15343, 11376, 17143 and 17531 of 2017 and connected Miscellaneous Petitions, dated:16.02.2018.</p>		
S.No	Name	Designation	Signature
1	Dr. K. Thanasekaran	Member	
2	Dr.K.Valivittan	Member	
3	Dr.Indumathi M. Nambi	Member	
4	Dr. G. S. Vijayalakshmi	Member	
5	Dr. M. Jayaprakash	Member	
6	Shri V. Shanmugasundaram	Member	
7	Shri B. Sugirtharaj Koilpillai	Member	

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8	Shri. P. Balamadeswaran	Co-opt Member	
9	Shri. M.S. Jayaram	Co-opt Member	

Member-Secretary, SEAC


Chairman, SEAC

Member-Secretary, SEAC

Chairman, SEAC