

**MINUTES OF THE 123rd MEETING OF THE SEAC KERALA HELD DURING 27th – 30th
JULY 2021 AT THE CONFERENCE HALL, STATE ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY, THIRUVANANTHAPURAM**

PARIVESH FILES

PART 2

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/127534/2019 , 1554/EC1/2019/SEIAA

**Application for Environmental Clearance for the Granite Building Stone Quarry
in Sy.Nos. 340/1-26/3, 340/1-28/2, 340/1-30/1, 340/1/26-2, 340/1/26-1,
Enadimangalam Village, Adoor Taluk, Pathanamthitta District**

Decision: The Committee scrutinized the additional documents/details submitted by the proponent and decided to direct the proponent to submit the following additional documents:

- a. All pillars should be replaced with concrete pillars with geo - coordinates written on it. (submit photos)
- b. Proper fencing should be made along the boundary.(submit photos)
- c. A traffic plan needs to be submitted along with an affidavit stating that the width of the road to be widened to 8m when operations get started
- d. OB location should be shifted to lower level, between BP1 and BP2, outside boundary; this location should be marked on a map and submitted
- e. A compensatory afforestation plan with native species to be submitted
- f. CER-Physical details required, need to be integrated with EMP and then to be added to the total cost.
- g. Site- specific silt traps to be provided in the garland canal with a proper out section with settling tank connected to a natural drain. A map showing these to be submitted.
- h. Quarrying operations should be limited 85m msl

2. SIA/KL/MIN/131090/2019 , 1571/EC2/2019/SEIAA

**Environmental Clearance for the Granite Building Stone Quarry of Mr.
Sudheesh A T at Re Survey No: 151/1, 151/7 of Kaniyambatta Village, Vythiri
Taluk, Wayanad.**

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to conduct the field inspection.

3. SIA/KL/MIN/132322/2019 , 1635/EC1/2020/SEIAA

**Environmental Clearance for the Granite Building Stone Quarry of Shri. Nino K
Thomas in Block No. 31, Re-survey. Nos. 457/1, 457/2, 457/3, 457/4, 457/4-1,
457/5, 457/6 & 457/7, Vadasserikkara Village, Ranni Taluk, Pathanamthitta
District, Kerala**

Decision: The Committee scrutinized the additional documents/details submitted by the proponent and decided to direct the proponent to submit the following documents/details:

- a. OB dump is shown within the boundary near to BP2. This has to be shifted to outside the project boundary to a lower elevation. A revised map showing the new OB location is to be submitted.
- b. Revised Village Officer certified Survey map with all structures within 200 m from the boundary, with distances specified.
- c. A revised CER project proposal with all physical details for easy monitoring. There should not be any duplication/overlapping of locations with the CER proposal of Project No.44488. The activities should be benefitting the local community.

**4. SIA/KL/MIN/133062/2019 , 1576/EC2/2019/SEIAA
Environmental Clearance for the Granite Building Stone Quarry of M/s Valad Granites at Survey No. 253/62, 253/356, 253/349 of Valad Village, Mananthavadi Taluk, Wayanad District, Kerala for an area of 2.9249 ha.**

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to conduct the field inspection.

**5. SIA/KL/MIN/134803/2020 , 1656/EC3/2020/SEIAA
Application for Environmental Clearance for the Granite Building Stone Quarry project in Re-Survey Nos. 304part (Govt. Land) Parathodu Village, Block No.-49 of Udumbanchola Taluk, Idukki District, Kerala for an extent of 3.000 Hectares by Sri.Binu George**

Decision: The Committee scrutinized the additional documents/details submitted by the proponent and decided to direct the proponent to submit the following documents/details:

- a. Revised CER details
- b. Letter from the Wildlife Warden regarding the distance

**6. SIA/KL/MIN/134893/2020 , 1585/EC1/2020/SEIAA
Environmental Clearance for the Granite Building Stone quarry project in an extent 4.7672 Hectares at Survey No. 208/1,Alanallur – 3 Village, Mannarkkadu Taluk, Palakkad District, M/S PLANET SANDS & AGGREGATES**

Decision: The Committee scrutinized the additional documents/details submitted by the proponent and decided to direct the proponent to apply for ToR

7. SIA/KL/MIN/144086/2020 , 1597/EC4/2020/SEIAA

Environmental Clearance for Laterite Building Stone Quarry of Mr. Ramachandran P. at Re-Sy. No- 19/245 of Koodathai Village, Thamarassery Taluk, Kozhikode District of Kerala for an extent of 0.8094 Ha

Decision: The Committee scrutinized the additional documents/details submitted by the proponent and decided to recommend for issuance of EC subject to the following specific conditions:

- 1) Mining must be done in benches of 2m height and width
- 2) Ensure proper slope for natural drainage
- 3) Top soil must be used for reclaiming the mined out pit for planting trees.

**8. SIA/KL/MIN/145130/2020 , 1664/EC1/2020/SEIAA
Environmental Clearance for the Building Stone Mine (Quarry, Minor Mineral Mining) project of M/s Capital Granites at Survey Nos. 2/3 & 3/2 at Shoranur II Village, Ottappalam Taluk, Palakkad District, Kerala.**

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to conduct the field inspection.

**9. SIA/KL/MIN/148361/2020 , 1641/EC3/2020/SEIAA
Building Stone Quarry of M/S Seas Rock Products at Survey No 426/3,426/4,426/5 in Neyyassery Village, Thodupuzha Taluk, Idukki District, Kerala State for an extent of 1.5163 Ha**

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to direct the proponent to submit the following additional document:

- a. Details of EMP Monitoring Components

**10. SIA/KL/MIN/158734/2020 , 1768/EC6/2020/SEIAA
Environmental Clearance for the Granite building stone quarry project in Sy No-157/4 in Kuruva Village in Perinthalmanna Taluk, Malappuram District, Kerala for an area of 0.9789 Ha by Shri. Rasheedali Kottakkaran.**

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to conduct the field inspection.

**11. SIA/KL/MIN/163150/2020 , 1749/EC1/2020/SEIAA
Environmental Clearance for the Proposed Granite (Building Stone) Quarry in Re-Survey No:129/1, Block No:30 in Ongallur 1 Village, Pattambi Taluk, Palakkad District, Kerala by Sri.Musthafa A.**

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to direct the proponent to submit the following additional documents:

- a. Reworked project cost
- b. Revised CER proposals as part of EMP

12. SIA/KL/MIN/171976/2020 , 1851/EC2/2020/SEIAA

Environmental Clearance for the Granite Building Stone Quarry of Mr. P. Abdulla at Re survey No. 274/ 45 in Panathady Village, Vellarikund Taluk, Kasaragod District, Kerala for an extent of 0.2104 Ha. Conversion TOR to EC Granite Building Stone Quarry of Mr. P Abdulla

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. In the Field Inspection Report, it is reported that there are two houses within 200m. Since the Village Officer has certified that there are no residential houses or public buildings within 200m, the Committee decided to recommend for issuance of EC for a Project Life of three years subject to the following specific conditions:

1. Retaining wall should be provided for the dumping site to a height of about 1.5 m.
2. The blasting should be done adopting NONEL technique.
3. The garland drain and outflow channel should be provided with intermittent silt traps and should be maintained periodically by removing the obstructions, if any and deposited silt.
4. The transportation of mined material should be prevented during the peak hours in the forenoon and afternoon.
5. Sprinkling of water should be done on the unsurfaced road prior to each movement of truck.
6. The green-belt development should initiate prior to the commencement of quarry operations. The species should include trees like Kunnivaka, Njaval, Kudakapala, Irul, Thani and Mahagony.
7. The quarry pond of the abandoned quarry adjacent to the proposed quarry should be filled and closed.

13. SIA/KL/MIN/205474/2021 , 1444/EC2/2019/SEIAA

Environmental Clearance for the Granite Building Stone Quarry of Mr.K.I Joseph (Conversion ToR to EC), Venganellur Village, Thalappilly Taluk, Thrissur District, Survey No.53, Area-0.9910Ha

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to direct the proponent to submit the following additional documents:

- a. Revised biodiversity assessment with quantification separately for the core and buffer areas.
- b. Reworked CER

14. SIA/KL/MIN/32061/2019 , 1622/EC2/2020/SEIAA

Environmental Clearance for the Granite Building Stone Quarry of M/s. Nellimunda Granites and Sands Pvt Ltd' over an extent of 1.1341Ha (2.8026 Acres) at Re Sy No. 374/752 & 374/738, Valad Village, Mananthavady Taluk, Wayanad District, Kerala State

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to direct the proponent to submit the following additional document:

- a. Proof of the application submitted for the permission from the National Board for Wildlife

15. SIA/KL/MIN/44488/2019 , 1474/EC1/2019/SEIAA

Environmental Clearance for the Granite Building Stone Quarry of Sri. Nino K Thomas 2.0832 Ha. (5.1475Acres) at Re-Survey Block No. 31, Re-survey. Nos. 394/2, 461/1 & 461/4, Vadasserikkara Village, Ranni Taluk, Pathanamthitta District, Kerala

Decision: The Committee scrutinized the additional documents/details submitted by the proponent. The Committee decided to direct the proponent to submit the following additional documents:

- a. The consent letters of Shri. Sathyavarthan and Shri. George Koshy for Sy Nos. 458/9 and 461/7-1 are to be submitted
- b. Revised Village Officer Certified Survey map with all structures within 200 m from the boundary, with distances specified.
- c. A revised CER project proposal with all physical details for easy monitoring. There should not be any duplication/overlapping of locations with the CER proposal of Project No. 132322. The activities should be benefitting the local community.

16. SIA/KL/MIS/148576/2020 , 1645/EC1/2020/SEIAA

Environmental Clearance for the, Residential Building Project Artech Grand Tower at Survey No. 92/1,2,3,4,5 Total construction built-up area 24386.59 m2 at Sasthamangalam, Thiruvananthapuram

Decision: The Committee scrutinized the addition documents submitted by the proponent. Regarding the CER proposals, the Proponent is not insisting for Killiar rejuvenation programme and proposed a roof top solar power with a capacity of 80 kw. The Committee decided to ask for a new proposal which may be beneficial to the local community instead of the solar power installation.

17. SIA/KL/MIS/153603/2020 , 1673/EC2/2020/SEIAA

Environment Clearance for proposed Hospital buildings within the existing Holy Cross Hospital complex to be developed by M/S Holy Cross Hospital, Kottiyam

Decision: The Committee scrutinized the addition documents submitted by the proponent. The Committee decided to recommend the issuance of EC with the following specific conditions:

- a. Implement proper sewage (waste water) conveyance system (Sewer line) for all proposed buildings, as well as, existing buildings, leading to the site of STP site, as the buildings are situated in scattered manner. .
- b. Add Tertiary Treatment Unit (Ultra Filtration Unit) in the existing STP and provide a proper treatment of extra quantity of **77** KLD of sewage, generated from the proposed buildings, for ensuring quality of treated water, fit for re-use /recycle for Flushing / Gardening/ Fire fighting/ Recharge of local ground water.
- c. Establish Storm Water Management System, with drains and intermittent Soak Pits, within the compound, for recharging of local ground water level.
- d. Implement suitable garland drains, all around the proposed buildings, enabling recharge of local ground water, to the extent possible and allow balance quantity, to flow to the proposed pond, after imparting primary settling, by providing suitable settling tanks/ delay ponds.
- e. Provide Rain Water Harvesting System in all Roof Tops of proposed buildings, and utilisation of Rain Water, for makeup water for toilet flushing, to the extent possible.
- f. Provide on-site storage facility for Non-degradable solid waste, including existing hospital buildings, as well as, in the new buildings, for periodical handing over of the same to Recyclers/ Local body.
- g. Provide on-site storage facility for biodegradable waste, for facilitating easy and hygienic storage and for imparting treatment, in the on-site treatment facility.
- h. Provide on-site storage facility for Biomedical Waste, preferably in the Cellar Floor/ near to those buildings, in the proposed buildings for ensuring segregated storage and

inside transport of biomedical waste, for facilitating/handing over the same to Common Operator, IMAGE, in compliance with the BMW Rules 2016.

- i. Implement proper facilities for tapping Solar Energy from all Roof Tops of proposed buildings, as mentioned about harnessing solar power in the EMP.
- j. Implement a realistic and suitable green area development, with suitable species of trees and plants, specifically suitable for hospital environment, by avoiding fruit bearing plants. Suitable vegetation should be developed, appropriately on the ground as well as over built structures such as roofs, basements, podiums etc.
- k. Ensure a climate responsive design as per Green Building Guidelines in practice, and Exposed roof area and covered parking with material, having high solar reflective index.
- l. Ensure that building should have facilities for catering needs of differently-abled citizens.
- m. Ensure use of water efficient plumbing features and twin line plumbing system, for ensuring recycle/reuse of treated waste water.
- n. Ensure that the design of the building will be done in compliance to Energy Building Code as applicable.
- o. Ensure action for avoiding possible idle motor vehicle emissions, from the ramp type of MLCP proposed in the Hospital Complex.

18. SIA/KL/MIS/42326/2018 , 1458/EC3/2019/SEIAA

Capacity Enhancement of Secured Landfill Facility at Existing Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) site proposed by KEIL at Block No. 37, Survey No. 205 of Puthenkurusu

Decision: The Committee scrutinized the addition documents submitted by the proponent. The Committee decided to recommend the issuance of EC subject to the general conditions and with the following specific conditions:

- a. Action for avoiding stockpiling of Hazardous Waste in temporary holding areas (covered with roof) during monsoon months.
- b. Action for keeping landfill areas capped with final cover/intermediate cover / rain protection cover, and action for suspending landfill operations, during monsoon period ,to reduce infiltration of rain water into the landfill. This action is very important as water body is situated only 290 m away from the boundary of SLF.
- c. Action for providing proper maintenance of surface water drainage system comprising of drains, channels, catch drains, culverts and basins of the SLF and in the surrounding areas.
- d. Action for full covering / closure of waste collected and deposited the Landfill, from various flood affected areas in the State, during the 2018 Floods and this portion of

the SLF should be properly compacted and protected from rains to avoid further leachate generation.

- e. Action for harnessing solar energy, to meet partial power requirement in the SLF and providing post type, solar yard lighting system, within the SLF and adjoining areas.
- f. Action for planting of local species of trees (non -fruit bearing type trees) ,in the Green Belt area, as well as, in available open spaces, for maintaining a minimum Greenbelt width of 20 m all around, and ensure proper land scape for the compound and Office premise.
- g. Provide suitable compensatory afforestation area, if additional area is available, including avenue plantations with local species of trees of non-fruit bearing type trees, within the compound.
- h. Action for filling the gaps in the fencing / compound wall, provided in all around the compound of the existing as well as proposed SLF, for the protection of the area.
- i. Action for collecting Rain Water falling on active tipping areas separately and managing it as leachate, via the leachate collection drain and leachate collection sumps and finally lead to the leachate treatment for treatment and disposal/ reuse.
- j. Action for installing proper Fire Hydrants, in and around the SLF, as fires in hazardous waste landfill sites are not uncommon, and provide training / MOC drills, engaging the Plant Operators, for effectively addressing the problems associated with fire in consultation with Fire and safety Department.
- k. Action for periodic monitoring of ground water quality by establishing Monitoring Wells, at the existing as well as in the proposed SLF, located at specified horizontal distance interval, as well as in vertical positions, for touching four underground geographic zones of (a) on and within the landfill; (b) in the unsaturated subsurface zone (vadose zone) beneath and around the landfill; (c) in the groundwater (saturated) zone beneath and around the landfill and (d) in the atmosphere/local area air above and around the landfill, as stipulated in the Guidelines on Hazardous Waste Management issued by the CPCB and KSPCB.

Dr. C. Bhaskaran
Chairman, SEAC

Suneel Pamidi, IFS
Secretary, SEAC