

**MINUTES OF THE 121st MEETING OF SEAC KERALA HELD DURING 22<sup>nd</sup>, 23<sup>rd</sup> and 27<sup>th</sup> of April, 2021 AT THE CONFERENCE HALL, STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, THIRUVANANTHAPURAM**

**AGENDA 1**

- 1. SIA/KL/MIN/128906/2019 , 1524/EC2/2019/SEIAA  
Quarry (Minor Mineral) project of M/s Mangalath Granites Kerala Pvt. Ltd. at Venganellur Village, Thalappilly Taluk, Thrissur District, Kerala for an area of 4.950 hectare (ADS received through mail)**

**Decision:**The Committee scrutinized the additional details submitted by the proponent. The Committee decided to recommend the issuance of EC with the specific condition that the commitment made through affidavit is strictly followed.

- 2. SIA/KL/MIN/129012/2019 , 1302/EC2/2019/SEIAA  
Environmental Clearance for the proposed Building stone Quarry project Re Survey No: 420/7(420/7-1),421/7,422/1/1, (422/1-7,422/1-9,422/1-10,422/1- 11,422/1-12)&Re survey no.298/2 in Kuzhimaan &Muthuvallur Village, Kondotty Taluk, Malappuram District, Kerala State by Mr.Sajeer Babu (Field Inspection Report Received)**

**Decision:**The Committee discussed the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- Details of the nearest well and the depth of the water table.
- Relocate the dumping site and a map showing the revised dumping site should be uploaded.
- Revised EMP incorporating CER.

- 3. SIA/KL/MIN/129095/2019 , 1579/EC3/2019/SEIAA  
Environmental Clearance for the proposed Building stone Quarry project Re Survey No:400/1,Block no.64 in Elankur Village, Ernad Taluk, Malappuram District, Kerala State by Mr.Sunny Joseph over an extent of 0.4761 Ha (Field Inspection Report received)**

**Decision:** The Committee discussed the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- The house in the adjacent plot shall be demolished before mining. An affidavit to this effect shall be provided by the proponent. A recent survey map and certificate from the village officer regarding the status of the building has to be submitted.
- A recent survey map and certificate from the Village Officer regarding the status of the building has to be submitted.
- Consent letter from the land owner stating his No Objection in dumping overburden in his site and allowing water to drain into the abandoned quarry situated in his site.
- Revised EMP incorporating CER following the MOEF&CC guidelines. Consent from

beneficiaries should also be submitted.

4. **SIA/KL/MIN/129289/2019 , 1535/EC3/2019/SEIAA**  
**Environmental Clearance for the proposed Building stone Quarry project Re Survey No:104/2,B-58,Block no.21/181-4, in Kannamagalam Village, Thirurangadi Taluk, Malappuram District, Kerala State by Mr.Lukhman (Field Inspection Report Received)**

**Decision:**The Committee discussed the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- a. Details of the nearest well and the depth of the water table.
- b. Recent cluster certificate.
- c. The Over burden dumping site should be shifted to a place away from the exit point of the garland drainage. Modified map with new OB dumping site should be submitted.
- d. Revised EMP incorporating CER. Consent from beneficiaries should be submitted.

5. **SIA/KL/MIN/143722/2020 , 1328/EC1/2019/SEIAA**  
**Granite Building Stone Quarry of Sion Exim Corp at Re Sy No: 93 in Raroth Village, Thamarassery Taluk, Kozhikode District, Kerala State (ADS received).**

**Decision:** The Committee scrutinized the additional details submitted by the proponent. The Committee decided to recommend the issuance of EC subject to the following specific condition in addition to the general conditions:

- a. Sworn affidavit on unoccupied house within 20m that should be demolished & proof to be submitted

6. **SIA/KL/MIN/143844/2020 , 1600/EC4/2020/SEIAA**  
**Environmental Clearance for the Proposed Laterite Building Stone Quarry of Mr. Sidhudas.O.K at Re-Sy. No- 152/108 of Sivapuram Village, Thalassery Taluk, Kannur District of Kerala for an extent of 0.4047 Ha (ADS received)**

**Decision:** The Committee entrusted Dr.R.Ajayakumar Varma & Dr.N.Anilkumar with the field inspection.

7. **SIA/KL/MIN/147339/2020 , 1669/EC6/2020/SEIAA**  
**The building stone quarry project of M/s Granites India is situated at Survey Nos. 98/2pt, 98/24 pt (Block No. 1) & Survey No. 428/66 pt (Block No. 2) of Edayur Village of Tirur Taluk, Malappuram Dist (ADS received)**

**Decision:**The Committee scrutinized the additional details submitted by the proponent and decided to invite the proponent for presentation.

8. **SIA/KL/MIN/154110/2020 , 1730/EC2/2020/SEIAA**  
**Environmental Clearance – Building Stone Mine (Quarry) project at Survey Nos. 222/4, 222/5, 222/28, 222/14, 229/1-2, 229/15, 229/15-2-1, 229/15-2-2 (Pvt. Land) and 222/13, 222/21, 222/23, 222/24 (Govt. Land) in Chadayamangalam Village, Kottarakkara Taluk, Kollam District, Kerala for an area of 0.9812 hectares (ADS received)**

**Decision:**The Committee discussed and accepted the additional details submitted by the proponent. The processing at the SEAC level has been completed. As per the judgment of the Hon'ble High Court of Kerala dt 21.12.2020, the Committee decided to await the NGT order on the minimum distance criteria.

- 9. SIA/KL/MIN/196400/2021 , 1415/EC2/2019/SEIAA**  
**Granite Building Stone Quarry of M/s Brothers Quarry (Conversion ToR to E.C), Village- Pallickal, Taluk- Varkala, District- Thiruvananthapuram, Re-Sy. Block No:- 25, Re-Sy:-194, 243/1, 198/4, 198/6-1, 242/1, 242/6, 242/8B, 242/7, 243/2 for total mine lease area of 2.9441 Ha (ADS received in their TOR proposal SIA/KL/MIN/39900/2019 , 1415/EC2/2019/SEIAA)**

**Decision:**The Committee discussed and accepted the additional details submitted by the proponent. The processing at the SEAC level has been completed. As per the judgment of the Hon'ble High Court of Kerala dt 21.12.2020, the Committee decided to await the NGT order on the minimum distance criteria.

- 10. SIA/KL/MIN/34543/2019 , 1589/EC1/2020/SEIAA**  
**Granite Building Stone Quarry of Mr. Jose Varghese over an extent of 0.7511 Hectares in Sy. No. 5/1 of Alakode Village, Thodupuzha Taluk, Idukki District, Kerala (Additional Documents Received).**

**Decision:**The Committee scrutinized the additional details submitted by the proponent and decided to invite the proponent for presentation.

- 11. SIA/KL/MIN/44123/2019 , 1495/EC2/2019/SEIAA**  
**Granite Building Stone Quarry of M/s. Thomsun Aggregates' over an extent of 4.9346 Ha. (12.1933 Acres) at Re-Sy Block No:19, Re-Sy. Nos: 156/2, 156/3, 156/6, 157/1, 157/1-1, 157/1-2, 157/2, 157/3, 157/4, 157/4-1, 157/5, 157/6, 157/7, 157/10, 157/12, 157/13, 159/4, 159/5, 165/1, 165/7, 165/8 & 165/10 in Manimala Village, Kanjirappally Taluk, Kottayam District, Kerala State. (Additional Documents Received).**

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

- a. Affidavit to the effect that the top soil is not used for road leveling
- b. Legible survey map
- c. Explaining the process of selection of CER activities
- d. Distance to public road.
- e. Furnish the detailed production calculation

- 12. SIA/KL/MIN/46090/2019 , 1491/EC2/2019/SEIAA**  
**Building Stone Mine (Quarry, Minor Mineral Mining) project of Mr. Reji Joseph at Re-Survey Nos. 268/8-1, 268/8-2, 268/6, 268/6-1, 269/1, 269/1-2, 269/1-3, 260/1, 260/1-1, 260/1-2 at Kanagazha Village, Changanassery, Kottayam (Additional Documents Received)**

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

- a. Furnish the details of stakeholders consulted & their suggestions regarding the CER activities.
- b. Revised drainage map

- c. Revised drainage map channelizing of the over flow to the natural pond

**13. SIA/KL/MIN/46189/2019 , 1523/EC3/2019/SEIAA**

**Environmental Clearance for the building stone quarry at Survey No. 185/3/2,186/1/8 of Maneed Village, Muvattupuzha Taluk, Ernakulam District, Kerala for an Area of 0.9384 Ha by Mr. Sabu Cheriyan (ADS received)**

**Decision:**The Committee scrutinized the additional details submitted by the proponent. The Committee directed the proponent to submit the following additional document:

- a. Revised EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22- 65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.

**14. SIA/KL/MIN/54836/2019 , 1796/EC2/2020/SEIAA**

**EIA study for renewal of mining lease of KMML block-III**

**Decision:**The Committee scrutinized the following remediation and natural resource augmentation plan submitted by the proponent:

- i) Damage Remediation Plan
- |   |                   |
|---|-------------------|
| a. Air environment                      | :Rs 0.15 Crore    |
| b. Noise Environment                    | : Rs 0.06 Crore   |
| c. Land Environment, Ecology, Flora etc | : Rs. 14.86 Crore |
| d. Hydrogeology                         | : Rs 0.15 Crore   |
| e. Coastal Erosion                      | : Rs 4.00 Crore   |

Total Rs 19.43 Crore

- ii) Natural resource augmentation plan
- |                                 |                 |
|---------------------------------|-----------------|
| a. Water Conservation           | : Rs 0.15 Crore |
| b. Rehabilitation of Mined land | : Rs 3.00 Crore |
| c. Energy Conversation          | : Rs 0.30 Crore |

Total Rs. 3.45 Crore

- iii) Community resource augmentation plan
- |                          |                 |
|--------------------------|-----------------|
| a. Education Support     | : Rs 0.25 Crore |
| b. Medical Support       | : Rs.0.40 Crore |
| c. Employment Generation | : Rs 0.15 Crore |

Total Rs. 0.80 Crore

Grand Total Rs. 23.47 Crore

The Committee decided to accept the remediation and natural resource augmentation plan at a total cost of Rs 23.47 crore. Implementation of the plan will be monitored by a committee under the chairmanship of the District Officer, Kollam of State Pollution Control Board with representatives of concerned Local Self Governments. Representative of the company will be the convenor of the committee. This committee will meet once in three months and monitor progress of implementation of remediation plan. Proceedings of the committee will be attached to the compliance reports.

On furnishing bank guarantee for Rs 23.47 crores valid for five years to the Kerala State Pollution Control Board, environmental clearance may be issued with the following special conditions.

- 1) Mining shall be done as per approved mining plan only.
- 2) Time bound action for redressing issues raised by public in the Public hearing held on 25-03-2017.
- 3) Action for simultaneous refilling of mined out area.
- 4) Action for implementing the site specific R& R programme envisaged for Block III of the mining area.
- 5) Action for harnessing solar energy to meet power requirement in the Plant and mining area.
- 6) Action for developing the eastern side of the 'mined area in to an ecotourism destination by engaging Kudumbashree and BMC, to develop a mangrove forest there.
- 7) Action for ensuring EMP incorporating the specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22-65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI
- 8) Action for implementing the specific plan proposed for rain water recharging of local ground water table in the mining area, for ensuring availability of water in the shallow wells in the area.
- 9) Action for implementing the specific plan proposed for conducting Action Research on 'rejuvenating ground water' in post mine area, preferably by engaging students of nearby Colleges.
- 10) Action for implementing the specific plan proposed with the time line, committed for the existing unfilled mined areas to be refilled and the Sand Dunes of waste sand available in the site, will be flattened, in order to make the land suitable for tree planting and maintaining the normal topography of the area.
- 11) Action for implementing the afforestation plan with native species of plants / trees like Thespesia and Callophyllum, in the mined out area, as well in the nearby areas, by selecting suitable additional land in consultation with Grama Panchayat for compensatory afforestation.

## CONSIDERATION OF TOR PROPOSALS

1. **SIA/KL/MIN/45729/2019 , 1516/EC3/2019/SEIAA  
Proposed(Building Stone) Quarry of Shri.MUHAMMADALI. P with lease at  
Survey No. 382/1-2, 382/2, 383/1, 383/1-1, Re survey no.Block No. 56 of Morayur  
Village, Kondotty Taluk, Malappuram District, Kerala for an area of 5.0511 ha.  
(Field Inspection Report received).**

**Decision:**The Committee approved the Field Inspection Report and decided to approve the standard ToR with specific studies on slope stabilisation and the proponent is directed to consider the following aspects:

1. The nearest well and the depth of the water table.
2. The OB dumping site to be shifted to a place away from the exit point of garland drainage.
3. Consent letters from Mr. K.P.Hamsa and Mr. Abdul Nazar.
4. A revised EMP incorporating CER
5. Quantitative assessment of Biodiversity for buffer and core and a detailed afforestation plan.

2. **SIA/KL/MIN/40728/2019 , 1417/EC2/2019/SEIAA  
Environmental Clearance for the building stone quarry project in in Survey No.  
116/2 of Kayyur Village, Hosdurg Taluk, Kasaragod District, Kerala over an area  
of 0.2023 Ha. (Field Inspection Report received)**

**Decision:**The Committee discussed the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- a. Revised survey map certified by the Village Officer.
- b. Revised water requirement details based on reassessment along with the safe yield of the new water source and its geo-coordinates.
- c. Google map with boundary pillars
- d. Revised Drainage Map
- e. Revised EMP incorporating specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22-65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- f. A detailed land use/land cover map within the 500m.radiusincluding the records if any about the wild or agro-forestry trees on the land.

3. **SIA/KL/MIN/42055/2019 , 1427/EC2/2019/SEIAA  
Environmental Clearance for the building stone quarry project in in Survey No.  
220/1Aof Thayannur Village, Vellarikund Taluk, Kasaragod District, Kerala over  
an area of 0.9392Ha (Field Inspection Report received).**

**Decision:**The Committee discussed the Field Inspection Report and decided to direct the proponent to submit the following documents/details:

- a. Revised water requirement details based on reassessment along with the safe yield of the new water source and its geo-coordinates.
- b. Updated District Survey Report
- c. Revised Drainage Map and map showing dumping and top soil storage area
- d. Revised EMP incorporating specific CER activities in physical terms to be undertaken by the proponent in consultation with the stakeholders as stipulated in the OM No.22-65/2017-IA.III dated 30/09/2020 and OM No. 22-65/2017-IA.III dated 20/10/2020 of the MoEF&CC, GOI instead of allocation of funds under CER. The CER activities incorporated in the EMP should be undertaken during the first two years of validity period of the EC so as to ensure that the maintenance of the interventions undertaken can be done by the proponent during the remaining validity period of the EC.
- e. A detailed land use/land cover map within the 500m.radius.
- f. Recent survey map showing distance to residential/public buildings, inhabited sites, canals, roads, electric lines, mobile towers, religious places etc., within 200 m. radius of the lease boundary certified by the Village Officer concerned.
- g. The details (Local name, botanical name, habit, and value) of the 700 trees committed to be planted in an area of 0.6355 hectare.

**4. SIA/KL/MIS/61115/2021 , 1882/EC1/2021/SEIAA**

**Application for ToR for the Common Bio-Medical Waste Treatment Facility at Manthuruthy, Kanjikode West, Palakkad District, Kerala (Presentation)**

**Decision:**The Consultant and proponent were present. The consultant made the presentation. The Committee decided to recommend the issuance of ToR with standard terms and with the following additional terms:

1. Conduct Ambient Air Quality Monitoring, as part of EIA Study, by fixing monitoring Stations in the four directions around the facility, and generate ambient air quality data, following the CPCB guidelines.
2. Conduct Ground Water Quality Monitoring, as part of EIA Study, by fixing monitoring Stations in and around the facility, including downward flow direction of ground water, to the side of Malampuzha Reservoir/ water body nearby and generate water quality data following the CPCB guidelines.
3. As part of EIA Study, action for critically analysing efficiency of treatment and provide details of adequacy of Air Pollution Control Equipment proposed, for the Stationery Type Standby Incinerator.

**Sd/-**

**Dr.C.Bhaskaran,  
Chairman, SEAC**

**Sd/-**

**S. Chandrashekhar, IAS  
Secretary, SEAC**