

**MINUTES OF THE 113th MEETING OF SEAC KERALA HELD ON
15th – 17th SEPTEMBER 2020 AT THE CONFERENCE HALL,
STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,
THIRUVANANTHAPURAM**

PARIVESH FILES

AGENDA -1

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

1. SIA/KL/MIN/125065/2019, 1496/EC2/2019/SEIAA

“Granite Building Stone Quarry of Shri.Biju Varghese” over an extent of 3.6570 ha.(9.0364 Acres) in Block No. 27, Re-Sy. Nos. 19/2, 19/6, 19/7, 20/1, 20/2, 20/3, 20/3-1, 20/3-2, 51/1, 51/2, 51/2-1, 51/2-2, 52/1, Ramapuram Village, Meenachil Taluk, Kottayam District, Kerala State, India.

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

1. *CER with letters from beneficiaries.*
2. *Tree cutting details.*
3. *500m radius land use map and also details of nearby paddy fields.*
4. *Distance from the proposed quarry to the nearest houses/buildings as certified by the Village Officer.*
5. *Detailed ground water study report.*
6. *Original EC and mine closure certificate of the closed quarry near the proposed area.*
7. *Re-examine the EMP and justifiably enhance the budget for actions under EMP.*
8. *Overburden dumping site must be protected by gabion wall structure.*

The Committee also entrusted Shri.K. Krishna Panicker & Smt.BeenaGovindan for field inspection.

2. SIA/KL/MIN/125587/2019, 1492/EC1/2019/SEIAA

Environmental clearance for Granite building stone quarry of Mr. K.V. Mohammedali, for an extent of 1.3640 ha ,Re Survey No-1/4 in Vallapuzha village, Pattambi Taluk, Palakkad District, Kerala.

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

1. *Detailed ground water study report*
2. *Overflow drainage plan.*
3. *Overburden site details (permission of the lease area).*
4. *CER with consent letters from beneficiaries*
5. *Distance from the proposed quarry to the nearest houses/buildings as certified by the Village Officer.*

The Committee also entrusted Dr.S.Sreekumar & Dr.A.V.Raghu for field inspection.

3. SIA/KL/MIN/125685/2019, 1520/EC2/2019/SEIAA

Environmental Clearance for the Proposed Granite (Building Stone) Quarry in Sy. Nos. 1417/1, 1417/10, 1417/11, 1417/12, 1417/13 & 1417/14 of Kodakara Village, Chalakudy Taluk, Thrissur District., Kerala for an extent of 0.9700 ha under B2 category.

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

1. *Approved Mining Plan.*
2. *Bufferzone should be specifically mentioned in the application form*
3. *Distance from the proposed quarry to the nearest houses/buildings as certified by the Village Officer.*
4. *Overburden storage location with plan for protection and Drainage Plan.*
5. *500m radius land use map.*
6. *CER with consent letters from beneficiaries.*
7. *Upload Google image and submit photographs with boundary pillars.*
8. *Detailed biodiversity assessment report.*
9. *Management plan for preventing the possible breaching of nearby quarry ponds*
10. *Rework project cost.*

The Committee also entrusted Dr.S.Sreekumar&Dr.P.S.Easafor field inspection.

4. SIA/KL/MIN/125990/2019, 1519/EC1/2019/SEIAA

Environmental Clearance for Granite Building Stone Quarry of Mr.Ziyad.A.Lover an extent of 0.9162 ha.Re Survey No468/4,468/5,468/7,468/10,468/12,468/13,472/1 in Kilimanoor Village,ChirayinkeezhuTaluk, Thiruvananthapuram District, Kerala.

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

- 1. Drainage map with proper silt traps.*
- 2. Modified CER with consent letters from the beneficiaries and GramaPanchayat..*
- 3. Details of Tree cutting andplanting.*
- 4. Distance from the proposed quarry to the nearby houses/buildings*
- 5. Re-examine the EMP and justifiably enhance the environmental management budget*
- 6. Detailed Land Use/Land Cover map within 500m radius of the project site*

The Committee also entrusted Shri. G. Sankar& Er. M. Dileepkumar for field inspection.

5. SIA/KL/MIN/126088/2019, 1525/EC1/2019/SEIAA

Environmental Clearancefor the building stone quarry of Mr.Deepak,N.D. Managing Partner, M/s Quality Rocks at Survey Nos. 26/2,26/2,26/2,27/1,27/3 of Vaniyamkulam-2 Village, OttappalamTaluk, Palakkad District, Kerala Statefor an area of 0.9990 ha.

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

- 1. Revised project costwith break-up of all details including the EMP cost. EMP has to be revised.*
- 2. Modified CER with monitorable indicators and letters from beneficiaries and GramaPanchayat.*

3. *Distance from the proposed quarry to the nearest houses/buildings as certified by the Village Officer.*
4. *Google image showing the distance to the nearest Protected Area.*
5. *Geo-coordinates of nearby open wells and depth of water level.*

The Committee also entrusted Dr.S.Sreekumar & Dr.P.S.Easafor field inspection.

6. SIA/KL/MIN/126172/2019, 1527/EC1/2019/SEIAA

Environment Clearance for mining lease of “Granite Building Stone Quarry of Shri. K. M. Stephen” over an extent of 4.9003 ha.(12.1086 Acres) in Block No. 27, Re-Sy.Blockno. 37, Re-Sy. Nos. 399/2, 399/2-1, 399/2-2, 399/2-3, 399/3, 745/2, 745/3,745/4, 745/5, 745/7, 745/8, 745/9, 745/10, 745/11, 745/12, 745/13, 745/14,746/1, 746/2, 746/2-1, Karimannur Village, Thodupuzha Taluk, Idukki District, Kerala State, India.

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

1. *Detailed ground water study report.*
2. *Revised drainage map showing top soil dump and overflow path to nearest natural drain.*
3. *3)Details of Tree cutting and planting.*
4. *4)Modified CER with monitorable indicators and consent letters from beneficiaries and Grama Panchayat.*
5. *5).Detailed biodiversity assessment report with quantitative information.*
6. *Accreditation certificate of the laboratory who had taken up the work on environmental parameters..*

The Committee also entrusted Shri.K. Krishna Panicker & Er. M. Dileepkumar for field inspection.

7. SIA/KL/MIN/127053/2019, 1517/EC1/2019/SEIAA

Environmental Clearance for Building Stone Quarry of M/s Popular Granites over an extent of 0.7184 Ha. Survey No-114/pt, in Thirumittacode-II Village, Pattambi Taluk, Palakkad District, Kerala.

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

- 1) Revised drainage map
- 2) *CER (location-specific and with monitorable indicators) and consent letters from beneficiaries and the Grama Panchayath.*
- 3) *Impact on mining 15 m bgl on nearby ground water sources*
- 4) *Proper land use map.*

The Committee also entrusted Shri. K. Krishna Panicker & Dr. A. V. Raghu for field inspection.

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

Environment Clearance for Category B2 project – KHONDALITE (Granite Building Stone), of Mr. Mathew Daniel over an extent of 02.2851 ha. in S.F.No. 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 proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

1. *CER (Must be Location specific and measurable) with consent letters from beneficiaries and Grama Panchayath.*
2. *Hazard zonation map.*
3. *Garland canal details and locate O.B.site.*
4. *Detailed biodiversity assessment report.*
5. *Details of Tree cutting and planting.*
6. *Distance from the proposed quarry to the nearby houses/buildings.*

The Committee also entrusted Dr. R. Ajayakumar Varma & Smt. Beena Govindan for field inspection.

9. SIA/KL/MIN/127562/2019, 1522/EC3/2019/SEIAA

Environmental Clearance for Building Stone Quarry of Mr. Maneesh P Mohanan over an extent of 0.9394 at survey No.s 1110/1B-5, 1110/1B-10, 225/1A/14Pt, 225/1A/14Pt, 225/ of Marady Village, Muvattupuzha Taluk, Ernakulam District, Kerala.

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

1. *Revised Project cost and CER, which must be location- specific and monitorable.*

- 2. Distance from the proposed quarry to the nearby houses/buildings*
- 3. EC/permit of the existing quarry.*
- 4. Valid NABL certificate.*
- 5. O.B. site is to be relocated as it is located close to a house.*

The Committee also entrusted Dr.S.Sreekumar & Dr.N.Ajithkumar for field inspection.

10. SIA/KL/MIN/127997/2019, 1559/EC3/2019/SEIAA

Environmental Clearance for Building Stone quarry at SurveyNo.382/1,383/1,383/1,of Varappetty Village, Kothamangalam Taluk, Ernakulam District,Kerala for an area of 0.9958 ha.

Decision: The RQP was present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

- 1. Revised Project cost and CER, which must be location- specific and monitorable.*
- 2. Distance from the proposed quarry to the nearby houses/buildings or constructed structures.*
- 3. Revised mining plan.*
- 4. Recent cluster certificate.*
- 5. EC/ permit for the existing quarry.*

The Committee also entrusted Dr.S.Sreekumar & Dr.N.Ajithkumar for field inspection.

11. SIA/KL/MIN/128906/2019, 1524/EC2/2019/SEIAA

Quarry (Minor Mineral) project of M/s Mangalath Granites Kerala Pvt. Ltd. at Survey No.104/16,105/1,104/19,104/18,104/20 of Venganellur Village, Thalappilly Taluk, Thrissur District, Kerala for an area of 4.950 ha.

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

- 1. Clarification required regarding the details submitted in the authorisation.*
- 2. Drainage plan details and Overburden dumping site is to be shifted to a lower contour level.*
- 3. Affidavit regarding the area which is used as Overburden site.*

4. *Revised CER with location- specific program and consent letters from beneficiaries and GramaPanchayath should be submitted.*
5. *Application in Form IM*

The Committee also entrusted Dr.S.Sreekumar & Dr.P.S.Easa for field inspection.

12. SIA/KL/MIN/129374/2019, 1540/EC3/2019/SEIAA

Granite Building stone over an extent of 2.4109Ha in Re Survey Nos. 1/161-2,1/161-4, 1/161, 1/182-4, 1/45, 1/181-4 in Pullippadam Village, Nilambur Taluk, Malappuram District, Kerala state of M/s Nilambur Sand And Metals Private Limited

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

1. *Revised project cost.*
2. *Distance from the proposed quarry to the nearby houses/buildings.*
3. *Tree cutting and planting details.*
4. *Garland canal map with proper silt traps.*
5. *CER should be location-specific with monitorable targets and accordingly reworked and submitted.*
6. *Detailed environmental sensitivity analysis of the project site and its vicinity as it is located close to moderate and high hazard zones*
7. *The proposed site is encircled by landslide prone area and hence a certificate from the District Collector with regard to landslides that happened in the last 5 years has to be submitted.*

The Committee also entrusted Dr. R. Ajayakumar Varma & Dr.A.V.Raghu for field inspection.

13. SIA/KL/MIN/129673/2019, 1545/EC2/2019/SEIAA

Environmental Clearance for the proposed Granite (Building Stone) Quarry in Re-Sy. No. 117/6 of Elamadu Village, Kottarakkara Taluk, Kollam District., Kerala for an extent of 0.7800ha under B2 category.

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

1. *NOC or document showing the validity of the present NOC.*
2. *EC/ permit of the existing quarry.*
3. *Distance from the proposed quarry to the nearest houses/buildings as certified by the Village Officer.*
4. *Locate the area in the Hazard Zonation Map.*

The Committee also entrusted Shri. G. Sankar&Shri. V.N. Jithendran for field inspection.

14. SIA/KL/MIN/129777/2019, 1561/EC1/2019/SEIAA

Environmental clearance for Granite building stone quarry of Mr. Haridasan T, for an extent of 0.9896 ha, Survey no 315 in Nagalassery Village, Pattambi Taluk, Palakkad- District, Kerala

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

1. *Revised and reworked CER (location-specific with monitorable targets).*
2. *Revised and reworked EMP cost.*
3. *500m Land use map.*
4. *Distance from the proposed quarry to the nearby houses/buildings.*

The Committee also entrusted Shri.K. Krishna Panicker & Dr.A.V.Raghu for field inspection.

15. SIA/KL/MIN/129987/2019, 1560/EC3/2019/SEIAA

Granite Building stone over an extent of 1.6489 Ha in R e Survey 79 in Kakkad Village, Kozhikode Taluk, Kozhikode District, Kerala state of Mr.P.M.Aboobacker

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

1. *Duly filled Form I M.*
2. *Revised and reworked CER (location specific with monitorable targets).*
3. *Mine closure plan.*

4. *Details of buffer zone*
5. *Distance from the proposed quarry to the nearest houses/buildings as certified by the Village Officer*
6. *Revised EMP*
7. *Redraw garland drainage map and provide silt traps in appropriate places.*
8. *Certificate from the District Collector with regard to landslides that happened in the area in the last 5 years.*
9. *Project cost break-up has to be provided.*

The Committee also entrusted Dr. R. AjayakumarVarma & Dr.N.Anilkumarfor field inspection.

16. SIA/KL/MIN/130246/2019, 1582/EC2/2019/SEIAA

Environmental clearance for Granite Building Stone Quarry of Mr.K.VThaj over an extent of 0.9945 ha. Survey No 666,674,674/p,675,675/p in Perumpilavu Village, Kunnamkulam (Old Thalappilly) Taluk, Thrissur District, Kerala.

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

1. *Recent cluster certificate.*
2. *Location specific CER with monitorable targets and year-wise split-up.*
3. *Detailed biodiversity assessment report.*
4. *Properly reworked drainage plan.*
5. *Distance from the proposed quarry to the nearby houses/buildings.*
6. *Management plan for preventing the breaching of nearby quarry ponds*

The Committee also entrusted Dr.S.Sreekumar&Dr.P.S.Easafor field inspection.

17. SIA/KL/MIN/134293/2019, 1583/EC1/2019/SEIAA

Environmental clearance for Granite Building Stone Quarry of M/s Kunjikuzhi Stones over an extent of 2.4229 Ha. Block No.29, Survey No 246/2,135/5- 2,139/1,139/2,139/5, in Manickal Village, NedumangadTaluk, Thiruvananthapuram District, Kerala.

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

1. *Revised and Reworked CER.*
2. *Mine closure certificate.*
3. *Distance from the proposed quarry to the nearby houses/buildings.*
4. *NOC from KSEB.*

The Committee also entrusted Shri. G. Sankar & Dr.C.Bhaskaran for field inspection.

18. SIA/KL/MIN/43182/2019, 1479/EC2/2019/SEIAA

Environment Clearance for mining lease of “Granite Building Stone Quarry of Shri. Robin P.R” over an extent of 1.9480 ha.(4.813 Acres) at Survey No. 144/4 & 144/5, Kalpetta Village, Vythiri Taluk, Wayanad District, Kerala State

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

1. *Quantitative information regarding Flora and Fauna.*
2. *Distance from the proposed quarry to the nearest houses/buildings as certified by the Village Officer.*
3. *Map showing the distance to the nearby protected Area.*
4. *Environmental sensitivity analysis of the project site and its vicinity as it is close to a medium hazard zone*
5. *Certificate from the District Collector regarding the landslide events reported in the area in the last 5 years.*
6. *O.B.dumping site must be relocated from the position of present silt trap.*

The Committee also entrusted Dr. R. Ajayakumar Varma & Dr.N.Anilkumar for field inspection.

19.SIA/KL/MIN/43590/2019, 1476/EC2/2019/SEIAA

Environment Clearance for mining lease of “Granite Building Stone Quarry of Shri.Sudheesh A.T’ over an extent of 0.9246 ha.(2.2846 Acres) at Sy No. 115/13 in Padichira Village, Sultan Bathery Taluk, Wayanad District, Kerala State

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

1. *Recent cluster certificate.*

2. *Details of wells and ground water table.*
3. *Certificate from wild- life warden regarding the eco sensitive zones near the proposed quarry site.*
4. *Distance from the proposed quarry to the nearby houses/buildings as certified by the Village Officer.*
5. *Provide necessary silt traps in the drainage plan.*

The Committee also entrusted Dr. R. AjayakumarVarma & Dr.N.Anilkumar for field inspection.

20.SIA/KL/MIN/44866/2019, 1505/EC3/2019/SEIAA

Environment Clearance for mining lease of "Granite Building Stone Quarry of Shri.Cherian K Jose' over an extent of 0.9845 ha. (2.4327Acres) at Sy Nos. 891/1A/100, 891/1A/82, 891/1A/82, 891/1A/82, 891/1A/82, 891/1A/38,Kadavoor Village, KothamangalamTaluk, Ernakulam District, Kerala State.

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

1. *Revised and reworked CER.*
2. *Google image with boundary pillars.*
3. *Distance from the proposed quarry to the nearby houses/buildings.*
4. *Field specific drainage map*
5. *Details of open wells*
6. *EC/ permit of the existing quarry.*

The Committee also entrusted Shri.K. Krishna Panicker & Dr.N.Ajithkumar for field inspection.

21. SIA/KL/MIN/45324/2019, 1557/EC3/2019/SEIAA

Environmental Clearance for the building stone quarry at Re SurveyNo.284,Block No.22 of Malayattoor Village, AluvaTaluk, Ernakulam District, Kerala for an area of 0.7048 ha.

Decision: The proponent and RQP were present. The RQP made the presentation. The Committee directed the proponent to conduct the EIA study with standard TOR along with the following additional aspects

- 1. Impact of the inundated quarry ponds and the breach potential*
- 2. Slope stability of the site and its vicinity.*
- 3. Certificate from the District Collector regarding the reported landslides in the area in the last 5 years.*

22 SIA/KL/MIN/45585/2019 , 1494/EC1/2019/SEIAA

Environmental Clearance for the Proposed Granite (Building Stone) Quarry in Re - Sy. No. 345/1, 340/2, 339/11, 340/4, 340/5, 339/2, 345/7, 345/9 of Pallikkal Village, Varkala Taluk of Thiruvananthapuram District., Kerala for an extent of 2.4925 Ha under B2 category of M/s Tasna Mines

Decision: The proponent was present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

- 1. Approved Mining Plan*
- 2. Application in Form IM.*
- 3. Afforestation plan*
- 4. District Survey Report.*
- 5. Authenticated survey map indicating the houses, roads and other structures in the vicinity.*
- 6. Detailed land use map within 500m radius*
- 7. Location map of the project site overlaid on the Hazard Zonation Map of the district.*
- 8. Map showing the overland drainage plan including garland drain, drainage inside the mine, silt traps, temporary storages required for water clarification etc.,*
- 9. Detailed cost estimates for EMP, mine closure plan, afforestation plan and other environmental mitigation requirements.*
- 10. Revised project cost taking into consideration the land cost, infrastructure requirement, cost required for EMP etc.,*
- 11. Detailed CER plan in accordance with GOI guidelines and in consultation with local government which should include monitorable targets and locations.*
- 12. Biodiversity assessment details using quadrats for quantitative information.*

13. *Detailed transportation plan taking into consideration the existing traffic, road density, road width and feasibility of operating about 65 trucks on a daily basis.*
14. *Feasibility report on the yield of the proposed well for the supply of 2 KLD water.*
15. *Proposal for arranging at least 10 KLD water on a daily basis and arrangement for three times of the storage for meeting the requirement of the environment management.*

23 SIA/KL/MIN/46108/2019, 1536/EC2/2019/SEIAA

Environment Clearance for mining lease of “Granite Building Stone Quarry of M/s. Pulpally Stone Crushers” over an extent of 2.4066 ha. (5.9467 Acres) at Re-Sy Block no. 17, Re-Sy Nos. 24/3, 24/4, 24/5, 24/8, 24/10, 24/11/1, 24/11/2, 24/14, 24/15, 24/16, 24/17, 24/18, 24/19 & 26/9, Muttill South Village, Vythiri Taluk, Wayanad District, Kerala State.

Decision: The proponent was present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

- 1) *MAP showing the distance from the nearest wild- life sanctuary*
- 2) *Revised CER*
- 3) *Specify and provide open wells monitoring details. Give geo co-ordinates of the observation wells.*
- 4) *Distance from nearest transformer.*
- 5) *Drainage and land use plan*
- 6) *Environmental sensitivity analysis of the site and its surrounding area considering the nearby medium hazard zone*

The Committee also entrusted Dr. R.Ajayakumar Varma and Dr N.Anilkumar for the field inspection

24. 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. of M/SMarymatha Granites.

Decision: The proponent was present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

- 1) *Revised CER*
- 2) *Reworked project cost*

- 3) *Biodiversity plan for buffer zone and core zone separately.*
- 4) *Details of existing quarry with proof of EC/ permit.*
- 5) *Open well hydrology monitoring details with geo co-ordinates.*
- 6) *Environmental sensitivity analysis considering the terrain vulnerability*
- 7) *Environmental management plan including the cost required for its implementation*

The Committee also entrusted Shri. K. Krishna Panicker & Dr.N.Ajith Kumar for the field inspection.

25. SIA/KL/MIN/46290/2019, 1493/EC1/2019/SEIAA

Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in Re-Survey No. 7/2of Koppam Village, PattambiTaluk, Palakkad District, Kerala for an extent of 0.3500 ha under B2 category.

Decision: The proponent was present. The RQP made the presentation. The Committee decided to direct the proponent to submit the following documents/details;

- 1) *Locate the monitored open wells in map*
- 2) *Provide a schematic vertical lithological section of the mine area.*
- 3) *Limit the mining only up to 3m and revise the mining quantity accordingly.*

The Committee also entrusted Dr.S.Sreekumar&Dr. P.S.Easa for field inspection.

Sd/-
Mir Mohammed Ali,IAS
Secretary

Sd/-
Dr.C.Bhaskaran
Chairman