

**MINUTES OF THE 127<sup>th</sup> MEETING OF THE SEAC KERALA HELD FROM 28<sup>TH</sup> TO 30<sup>TH</sup> APRIL, 2022 IN CONFERENCE HALL, STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, THIRUVANANTHAPURAM**

The 127<sup>th</sup> meeting of the SEAC, KERALA was held on 28<sup>th</sup> - 30<sup>th</sup> April 2022. The meeting started at 10.30 AM on 28<sup>th</sup> April 2022. Dr.R. Ajayakumar Varma, Chairman, SEAC Kerala chaired the meeting. The Committee discussed the agenda items in detail and took the following decisions;

**127.01 Noting of minutes of the 126<sup>th</sup> SEAC meeting held on 11<sup>th</sup> – 13<sup>th</sup> April 2022.**

The Committee verified the minutes of the 126<sup>th</sup> meeting and found the following corrections.

- The decisions in item no. 3 and 4 of Part-3 were interchanged and shall be corrected. The corrected minutes will read as follows:

**3. SIA/KL/MIN/130079/2019 , 1696/EC4/2019/SEIAA**

**Granite Building Stone Quarry of Shri.Satheesan, at Re - Survey No. 159/2A2B of Poolakode Village, Kozhikode Taluk, Kozhikode District, Kerala for an area of 0.6338 hectares**

**Decision:** Even after prior intimation the proponent is absent. Hence the committee decided to defer the item to give one more chance to the proponent for presentation.

**4. SIA/KL/MIN/141091/2020 , 1863/EC3/2020/SEIAA**

**Environmental clearance for Laterite Building Stone Quarry of Prince M.P. at Re - Survey No-83/2 in Edakattuvayal Village, Kanayannur Taluk, Ernakulam District, Kerala for an extent of 0.1940**

**Decision:** As invited the proponent and RQP were present. The RQP made the presentation. The proponent intimated that there is a house at a distance less than 50m owned by the land owner. In this circumstance, considering the distance criteria the committee decided to reject the proposal.

- The decisions in item no. 12 of Part-5 were corrected as follows:

**12. SIA/KL/MIN/265731/2022 , 1345/EC2/2019/SEIAA**

**Environmental Clearance for the Proposed Granite Building Stone quarry mining project in survey No.s 91/1, 91/1-1, 91/1-3, 93/3, Kanakkari village, Meenachil taluk, Kottayam district, Kerala by Mrs. Jubi Stiji, Pannamakal House, Kalathoor, Kanakkari, Kottayam**

**Decision:** The Committee decided to adhere to the decision No. 125.08 taken in its 125<sup>th</sup> meeting.

- The decision in item No.11 of Part 10 in consideration of ToR were corrected as follows:

**11. SIA/KL/MIN/39592/2019 , /EC2/2019/SEIAA**

**Granite Building Stone Quarry of Shri. Sudheesh, A. T., at Survey No: 55/2, 55/3, 55/4 of Irulam Village, Sulthan Bathery Taluk, Wayanad District, Kerala for an area of 2.4973 hectares**

**Decision:** The Committee decided to adhere to the decision in Part 6 of item No. 124.01 taken in its 124<sup>th</sup> meeting.

**127.02      Application for Environmental Clearance for mining of Granite Building Stone Quarry project in Survey No 292/1 A of Vellad Village, Thaliparamba Taluk, Kannur District, Kerala by Mr. Mathew, M/s Alacode Granites (1277(A)/EC2/2019/SEIAA)**

**Decision:** The intimation regarding the hearing was given to the proponent vide e-mail dated 23.4.2022. The proponent vide e-mail dated 24.4.2022, intimated that he cannot present before the Committee for a hearing due to their other pre- commitments. So the Committee decided to postpone the hearing to another meeting.

**127.03      Environmental Clearance issued from DEIAA, Palakkad for the Granite Building Stone quarry in Kunathur II Village, Alathur Taluk, Palakkad District of Sri.C.Rajeev, Managing Partner, M/s Surya Granites -- Judgment in WP (C) No.26415/2020 - Revalidation of EC.( 163/EC1/2021/SEIAA )**

**Decision:** The Committee verified the documents submitted by the proponent and found them satisfactory. The Committee observed that the following documents as directed by SEIAA have not been received and hence directed the proponent to submit the following documents:

- a. Certified Compliance Report from Regional Office, MoEF&CC, Bangalore
- b. Recent Cluster Certificate from Mining and Geology Department
- c. Hazard Zonation Map showing the distance from the proposed project site.

The Committee also observed that the requested file from RDO, Palakkad has not been handed over to the Authority.

The Committee decided to entrust Dr.A.V.Raghu&Dr.K.Vasudevan Pillai to conduct a field visit and report.

**127.04      Application for the proposed Building stone quarry in Re.Sy.No. 85/2, 86/1, 86/2 of Keralasseri Village, Palakkad Taluk, Palakkad District by Dr.Abraham Sebastian, Proprietor, M/s Nayampadam Granites (1406/EC2/2019/SEIAA)**

**Decision:**The Committee verified the documents submitted by the proponents and found them satisfactory. The Committee discussed the field inspection report and decided to recommend EC with Project life of 4 years subject to the following specific conditions in addition to the general conditions.

- a. The garland canal, silt traps, siltation pond and outflow channel should be desilted periodically to facilitate unhindered overland drainage.
- b. The approach roads are narrow and settlements are very close to the roads. To avoid disturbance to the public, one way traffic is to be enforced. Pathirippala –Kongod route on the North-Eastern side can be used for entry of vehicles and Thadukkassery road on the southern side of the permit area can be used as an exit road.
- c. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the remaining project period.
- d. The Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.

On verification, it is found that the PP submitted the same application through the Parivesh portal. Hence this decision also applies to that application.

**127.05            Environmental Clearance issued from DEIAA, Palakkad for the granite building stone quarry in Ambalappara- II Village, Ottapalam Taluk, Palakkad District by M/s PPK Granites & Crusher Products Pvt.Ltd.— Judgment dated 10.03.2021 in WP (C) No.6159/2021 - Revalidation of EC.(1062/EC1/2021/SEIAA )**

**Decision:**The 124<sup>th</sup> meeting of SEAC decided to recommend rejection of the application since mine life is not mentioned in the EC order. The 112<sup>th</sup> meeting of SEIAA noted the recommendation of the Committee and directed the Project Proponent to make available required details to SEAC for the reconsideration of decision of SEAC and also directed DEIAA Palakkad to hand over all related files to SEIAA for office record and necessary follow up action. M/s PPK Granites & Crusher Products Pvt.Ltd filed WP(C )19055/2021 against the rejection and the Hon'ble High Court vide judgment had closed the writ petition by observing that the petitioner is satisfied with the decision of the SEIAA to reconsider the project. Now the proponent submitted mining plan and progressive Mine Closure Plan (revised) which they received back from DEIAA, Palakkad vide letter dated 22.04.2022.

The Committee verified the documents submitted by the proponent as requested by SEAC and are found satisfactory. The committee decided to entrust Dr.Ajayakumar Varma, Dr. A.V. Raghu and Dr.K.Vasudean Pillai to conduct a field visit and report.

**127.06            Environmental Clearance issued from SEIAA, Thiruvananthapuram for the granite building stone quarry in Chadayamangalam Village, Kottarakara Taluk, Kollam District of Sri. Sri.Shaji. S - Judgment in WP (C) 11106/2020 - Revalidation of EC. (File No. 752/SEIAA/KL/301/2015)**

**Decision:** The Committee verified the documents submitted by the proponent which are found satisfactory. The Committee also discussed the field inspection report. The nearest built structure is at a distance of 220 m. The Committee decided to recommend EC with a Project life of 12 years from the date of the original EC issued, subject to the following specific conditions in addition to the general conditions

1. The Green belt development in the buffer should be done in the first year itself and should be nurtured and maintained in subsequent years
2. The garland canal, silt traps, siltation pond and outflow channel should be desilted periodically to avoid obstruction to overland drainage.
3. Measures incorporated in the CER should be implemented in total as proposed.
4. The proponent should do OB dump grading (slope reduction) and terracing with stabilization by planting vetivers. A protection gabion wall should also be provided as required at the lower portion.
5. The site for dump 3 is sharing a boundary with the natural canal. A proper protection wall should be made to dump 3 to prevent OB and soil from reaching the stream.
6. The proponent should provide proper embankment protection for the stream from the beginning of dump 3 on North East side of the project site till the end of the project boundary.
7. The OB dump site should be shifted to the lower elevation.
8. The Proponent should provide protective fencing to the quarry pit.

The proponent should also comply with the conditions stipulated in the earlier EC.

**127.07      Application for Environmental Clearance for the proposed Granite Building stone quarry in Sy.No. 336/3-3, 336/3-4 & 395/1 of Alakode Village, Thodupuzha Taluk, Idukki District by Mr. Binoy Jose (File No. 1415(A)/EC2/2019/SEIAA)**

**Decision:** The Committee verified the documents submitted by the proponent and are found satisfactory. The Committee also discussed the field inspection report and the slope stability mitigation study. Based on these, Committee decided to recommend EC with a Project life of 7 years subject to the following specific conditions in addition to the general condition.

1. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
2. The garland canal, silt traps, siltation pond and outflow channel should be desilted periodically to avoid obstruction to overland drainage.
3. The Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years
4. The overburdened dump should be protected with proper gabion wall to avoid soil erosion.
5. The bottom bench should not be below the general water table.

6. The transportation of mined material should not be done during the peak hours in the forenoon and afternoon.

**127.08            Environmental Clearance for the quarry project in Sy.Nos. 51pt, 47/1pt & 49/2pt in Kizhuparamba Village, Ernad Taluk, Malappuram District, Kerala by Sri.K. Kunjumoyin, Managing Partner, M/s Friends Crushers – Judgment dated 29.03.2021 in WP(C) No.8118 of 2021 - Revalidation of EC (861/SEIAA/EC1/2990/2015)**

**Decision:**The Proponent submitted the compliance report, Test report, ‘Satisfactory’ Compliance Certificate from MoEF &CC, Survey Map, Cluster Map and the Mining Plan approved on 17.04.2018. The Committee verified the documents and found them satisfactory. The Committee decided to entrust Sri. V.Gopinathan & Dr.K.Vasudevan Pillai for field inspection to re-confirm the compliance status and report.

**127.09            Environmental Clearance issued from DEIAA, Thiruvananthapuram for the granite building stone quarry project in Uzhumalakkal Village, Nedumangad Taluk, Thiruvananthapuram District by Smt.Shaila Nasar, Director, M/s Al-Nassar Granites Pvt.Ltd - Judgment dated 30.11.2020 in WP (C) No. 26372/2020-Revalidation of EC.(File No. 2793/EC1/2020/SEIAA)**

**Decision:**The 24<sup>th</sup> meeting of SEAC considered the proposal and discussed the field inspection report and directed the Proponent to submit (i) Original Mine plan, (ii) Certified extraction details, (iii) photographs indicating that the boundary pillars are changed to concreted ones, (iv) Scheme for taking out the boulders in the area, (v) details for maintaining the outflow section and (vi) soft copy of the mining plan and scheme of mining. All the documents including a USB pen drive containing soft copies of approved mine plan and scheme of mining are submitted vide letter dated 07.02.2022. The documents are found satisfactory. The nearest built structure is 51.7 m as per the field inspection report. The Committee discussed the details and decided to recommend that the proponent is eligible for revalidation of EC with Project life of 8 years from the date of the original EC issued, subject to the production of Wildlife clearance from NBWL since the project area is within a distance of only 6.70 km Peppara WLS. The proponent has not submitted proof of the application for wildlife clearance. The EC revalidation should be subjected to the following specific conditions in addition to the general conditions

1. The Proponent should fill the quarry pits with OB and quarry waste, and the remaining pits must be maintained as RHS
2. The proponent should do the correction of bench height and width prior to commencement of quarry operations.
3. Measures incorporated in the CER should be implemented as proposed.
4. The garland canal, silt traps, siltation pond and outflow channel should be desilted periodically to avoid obstruction to overland drainage.

5. The Green belt in the buffer should be improved immediately in the first year of the extended period and it should be nurtured and maintained subsequently.
6. The overburden dump should be protected with proper gabion wall.
7. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.

**127.10            Application for extension of Environmental Clearance issued for Granite building stone quarry project of M/s Chengalathu quarry Industries by Shri.Thomas Mathai (77/SEIA/KL/172/2013)**

**Decision:**The Committee examined the file and field inspection report based on the visit conducted on 19.4.2022. The Project was granted extension of EC for 5 years, issued as per Proc. No. 77/SEIAA/KL/172/2013 dt. 28.12.2019 with special condition to submit modified EMP within 3 months. The proponent submitted the modified EMP on 14.01.2020 which is done by an authorised agency (Ultratech, Thane). The Authority requested SEAC to examine the modified EMP submitted by the proponent. It was considered in the 118<sup>th</sup> meeting of SEAC held during February 2021 and directed the proponent to submit the following documents vide letter dated 15.02.2021.

1. EMP to be revised with revised CER
2. CER to be revised based on local needs
3. The activities should be completed within first two years
4. Letters of requirement from the stakeholders

The proponent was reminded of the above decision of the SEAC on 01.11.2021 to which the proponent replied on 26.11.2021 that the CER activities mentioned in the modified EMP has been implemented completely and therefore, it is not possible to modify the CER. During the field visit conducted on 19.4.2022, it is found that the CER activities mentioned in the EMP submitted to the Authority have been implemented satisfactorily.

In the meanwhile, a complaint against the quarry by of Mr. V Varghese Mathew was received on 19.05.2021, followed by a legal notice by Adv. Rajan Thomas on 16.08.2021. Government has also asked about the status of the complaint (letter from Under secretary dt. 09.02.2022) and sought necessary action. The Konni Grama Panchayath conducted an enquiry based on the letter from the Additional Chief Secretary, Local Self Government Department. The enquiry report from Konni Grama Panchayath was received on 02.11.2021. The report indicated that the house is situated around 500m away from the quarry and the house is 45 years old. The panchayath found some cracks on the walls of the house, for which they could not ascertain any reason. The report also mentioned that there is no visible dust pollution and also did not find any waste water flowing through the stream from the quarry. However, panchayath reduced the licence period of the quarry from 4 years to 1 year in the meeting held on 29.05.2020. The report also mentioned that the proponent filed a case against this decision in High court of Kerala (WP©No.13671/2020) and the court has not taken final decision.

The Committee recommend that the modified EMP submitted by the proponent may be accepted as satisfactory. The Authority may also take note of the above details regarding the complaints.

**127.11      Environmental Clearance for the quarry project in Sy.No.288/1(Part) of Block No.32, Koodal Village, Konni Taluk, Pathanamthitta District, Kerala by M/s Mavanal Granites Pvt Ltd-Judgement dated 11.09.2021 in WP(C) No.16330/2021 regarding revalidation of EC (File No.81/SEIAA/KL/183/2013)**

**Decision:**The proposal was considered in the 126<sup>th</sup> meeting of SEAC and found that ADS were not submitted. The proponent submitted a satisfactory CCR from IRO, MoEF&CC, Bangalore and requested an early site visit. A complaint was also received on 11.04.22 through e-mail regarding assignment of land. Based on the decision, a field inspection was carried out on 19.4.2022. During the field visit, the proponent produced the ADS sought except scheme of mining before the field inspection team. The field team also reported that the quarry is working in a Government land with NOC. The Certified Compliance Report from the IRO, MoEF, Bangalore is also found satisfactory. The Committee therefore, decided to recommend revalidation of EC with a Project Life of 10 years from the date of issuance of original EC (16.8.2017) subject to the following specific conditions in addition to general conditions.

- a. Ensure provision of silt traps at 50m interval along the drain (flowing westward) to the large siltation pond on west side of the pillar no. M-1BP-12 (Both sides of the haulage road) and submit geotagged photographs
- b. Ensure cleaning of siltation pond and submit geotagged photographs.
- c. A new clarifier should be constructed after the existing siltation ponds and submit a geotagged photograph of the same.
- d. Submit a plan for replacing acacia plants with more indigenous species to improve the biodiversity status of the region within 5 years and implement the same in time-bound manner. The progress of the compensatory afforestation and geotagged photographs as proof should be incorporated in the Half Yearly Compliance Report.
- e. Periodic cleaning of garland drains, silt traps, siltation pond and outflow channel should be carried out and geotagged photographs should be incorporated in the Half Yearly Compliance Report.

Before issuance of the revalidation of EC, the SEIAA direct to ensure the receipt of the following documents in file.

1. Certificate from Village Officer regarding the type of land under the Block-2 resurvey 288/1 where mining is ongoing
2. Revised scheme of mining with mine closure plan
3. Test report from NABL
4. Revised EMP
5. Recent Survey map

6. Recent cluster Certificate
7. Certified report of extraction details from district geologist

Though the Proponent produced the above document before the field inspection team, it is yet to be submitted to the Authority though issued directions vide vide letters dated 06.09.2021 & 11.10.2021.

**127.12                    Judgment in WP(C) No: 22161 of 2020 (U) by Ashiq K.S. against M/s Thomsun Sands and Metals, Kottayam (963/EC4/4473/2015/SEIAA)**

**Decision:** The Authority issued orders suspending all quarry operations due to non-compliance of certain EC conditions till the proponent complies with all EC conditions to the satisfaction of SEAC and District Geologist. The Authority also acted upon the Contempt of Court case (Civil) 1013/2021(S), in WP(C) No. 22161 of 2020 as per Judgement received on 09-08-2021. The stop memo was issued on 25.08.2021. Project proponent on 29-01-2022, informed that he has complied with all important EC conditions and submitted documents including a report on the vibration study conducted on 21-11-2021 by National Institute of Technology, Karnataka. The District Geologist, based on the field inspection conducted on 01-02-2022, submitted a report on 23-3-2022 that the EC conditions are complied with. A field inspection was conducted by SEAC team on 19.4.2022 to re-confirm the compliances and found that the compliance is satisfactory.

The Committee examined the details and discussed the field inspection report and decided to recommend the revoking of stop memo and suggesting the following additional conditions to be complied with along with the EC conditions.

1. The gabion wall should be strengthened for better protection of the overburden dump.
2. One more silt trap should be constructed on the headward part of the outflow.
3. Proper channel way should be maintained by constructing a dip with sufficient depth and by strong concrete where outflow crosses the internal pathway.
4. The flex board on which the EC details are given at the entrance should be replaced with a metallic board.
5. An environment expert may be incorporated in the EMC
6. The growth status of buffer plants should be monitored and geo-tagged photographs should be incorporated into the compliance report.
7. The outflow of water from the project site to the natural stream should be monitored and incorporated in the compliance report along with geo-tagged photographs during pre-monsoon, monsoon, and post-monsoon seasons.
8. The garland drain, silt traps, siltation pond and outflow channel should be cleaned periodically and geotagged photographs of cleaning with date and time should be incorporated in the half-yearly compliance report.

**127.13                    Environmental Clearance for the quarry project in Sy. Nos 2059/1, 2060, 2061, 2063 of Kuttichira Village & Survey Nos . 928, 929, 930, 931, 932/1, 932/2 at Kodassery Village, Kodassery Panchayath, Chalakudy Taluk,**



**Thrissur District, Kerala – Common Judgment dated 02.11.2020 in WP(C) No.11048 of 2020 - Revalidation of EC- reg:- (847/SEIAA/EC1/2859/2015)**

**Decision:**The Committee discussed the field inspection report. Since it is not in the standard format and more details have to be incorporated, the Committee decided to request the sub-committee to resubmit a revised report.

127.14      **Environmental Clearance for the quarry project in Sy. Nos. 1019/3, 1019/4, 1019/5, 1019/6, 1019/7, 1021/6, 1021/8, 1021/9, 1027P, 1028P, 1029P, and 1030P at Painkulam Village, Thalappilly Taluk, Thrissur District, Kerala by Sri.T.Mathew Abraham, M/s. Southern Rock &Aggregate Mining Company– Judgment dated 02.11.2020 in WP(C) No.17533 of 2020- Revalidation of EC- reg:- (285/SEIAA/KL/1362/2014)**

**Decision:**The 112<sup>th</sup> meeting of SEIAA decided to consider the EC revalidation proposal subject to re-confirmation of the compliance on the observations made by SEAC. The proponent submitted the details and Certified Compliance Report from MoEF, Bangalore and found them satisfactory. The revised mining plan submitted on 29.3.2019 indicated a Project life is 12 Years. The field level verification conducted on 8.4.2022 reported that the compliance level is satisfactory. The nearest built structure is at a distance of 108 m and the infrastructure facilities are developed and maintained well. The Southern Railway vide Letter dated 31.01.2022 informed that they have entered into contract with M/s.Southern Rock & Aggregates to supply ballast in Railway Depot located in Pudukkad. They have requested the Authority to intervene in the matter and do the needful at the earliest as the track works are greatly suffered for want of ballast.

Based on detailed discussions, the Committee decided to recommend revalidation of EC with a Project Life of 17 Years from the date of issuance of first EC (3.12.2014) with the following specific conditions in addition to the general conditions:

1. The growth status of buffer plantations should be monitored and geo-tagged photographs to be incorporated in the Half Yearly Compliance Report.
2. The growth status of plants in the afforested area should be monitored and geo-tagged photographs to be incorporated in the Half Yearly Compliance Report.
3. Photographs with the date and time of the periodic cleaning of gully drain, silt traps, siltation pond and outflow channel to be incorporated in the Half Yearly Compliance Report.
4. The proponent should comply with the conditions stipulated in the earlier EC also.

127.15      **Environmental Clearance issued by DEIAA, Thrissur for the quarry project in Sy.No.53/2 of Venganellur Village, Thalappilly Taluk, Thrissur District– Judgment dated 24.11.2020 in WP(C) No.25848 of 2020- Revalidation of EC (1028/EC6/2021/SEIAA)**

**Decision:** The Committee discussed the field inspection report. Since it is not in the standard format and more details have to be incorporated, the Committee decided to request the sub-committee to resubmit a revised report.

**127.16      Environmental Clearance for the quarry project in Sy. Nos. 147/15/3pt, 147/1070/1pt, 1070/3pt, 1070/1 pt, 147/4/1/1p, 147/1089/2 pt, 147/1087/2pt, 1088/2/1, 1069/1/4pt, 1069/1/2pt, 1068/3pt, 147/1089/3 pt of Ollukkara Village, Thrissur Taluk, Thrissur District, Kerala by M/s Thomson Granites Pvt. Ltd. – Judgment dated.24.11.2020 in WP(C) No.25842 of 2020 – Revalidation of EC- (601/SEIAA/KL/4604/2014)**

**Decision:**The Proponent attended all the observations made by SEAC and submitted the compliance report and revised Scheme of Mining approved on 30.06.2021. The field level re-confirmation of compliance was carried out on 8.4.2022. The Committee verified the documents submitted by the proponent and found them satisfactory. The Committee also examined the field inspection report. Based on discussions, the Committee decided to recommend revalidation of EC with Project life of 16 years from the date of the original EC (23.12.2015) subjected to the following specific conditions in addition to general conditions.

- a. The growth status of green belt and compensatory afforestation areas should be monitored and geo-tagged photographs should be incorporated in the half-yearly compliance report.
- b. Photographs with the date and time of the periodic cleaning of garland drain, silt traps, siltation pond and outflow channel to be incorporated in the Half Yearly Compliance Report.
- c. Additional protection should be provided to the vertical face of the quarry at the northwest part to prevent any type of accidents.

**127.17      Environmental Clearance for the building stone quarry project in Sy.No.83 (P) at Kumaranellur Village, Kozhikode Taluk, Kozhikode District-Judgment in WP (C) No.19629/2020 filed by Sri.Ajas M.M, M/s Ponoorpoyil Granites - regarding the validity of EC. (442/SEIAA/KL/3034/2014)**

**Decision:**The Proponent submitted the compliance report and revised Scheme of Mining approved on 30.06.2021. The field level re-verification of the compliance was carried out on 7.4.2022. The Committee verified the documents submitted by the proponent, and discussed the field inspection report and decided to recommend revalidation of EC with a Project life of 10 years from the date of the first EC (10.8.2015) subject to the following specific conditions in addition to the general conditions.

- a. The proponent should submitted an Affidavit stating that the bench height and width will be corrected within 3 months from the date of revalidation of EC. The proponent could not correct it as the quarry is now closed as it do not have a valid EC at present.
- b. Compensatory afforestation should be done during the 1st year itself and the coordinates of the area with geotagged photos should be included in the HYCR.

- c. Periodic cleaning of garland drain, silt traps, siltation pond and outflow channel should be carried out and geotagged photographs should be incorporated in the Half Yearly Compliance Report.
- d. The Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
- e. The proponent should comply with the conditions stipulated in the earlier EC also.

The team also examined a complaint received from Sri. Babu Mathew requesting not to renew the existing EC. It is found that there is no veracity in the complaint, the same is also stated in the letter of the District Collector, Kozhikode.

**127.18      Environmental Clearance for the building stone quarry of M/s Chelupara Granites situated at Re.Sy.No.172 pt of Kodyathoor village, Kozhikode Taluk, Kozhikode District, Judgment in WP (C) No.1332/2021 filed by Sri.B.P.Sidique Haji - regarding the validity of EC. (File No.998/EC4/4409/SEIAA/2015)**

**Decision:** The Committee verified the documents submitted by the proponent and found satisfactory. The Committee also discussed the field level re-verification report of compliance based on field visit conducted on 7.4.2022. The Committee decided to recommend revalidation of EC with Project life of 15 years from the date of issuance of the first EC (30.9.2016) subject to the following specific conditions in addition to the general conditions;

1. Measures incorporated in the CER should be implemented in total.
2. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
3. Periodic cleaning of garland drain, silt traps, siltation pond and outflow channel should be carried out and geotagged photographs should be incorporated in the Half Yearly Compliance Report.
4. Mined-out benches must be filled with topsoil and planted with trees of indigenous species.
5. the Green Belt Development Programme may be further strengthened.
6. The Green belt in the buffer should be strengthened further with local species and it should be nurtured and maintained appropriately.
7. Topsoil dump must be protected with Gabion walls and should be stabilized by planting trees.
8. The blasting should be done only using NONEL technology
9. The conditions stipulated in the original EC should also be complied in full.

**127.19      Environment Clearance for the building stone quarry project in Re Survey No.147/1, 147/2A1, 2A2, 2B1, 2B2 at Thazhakode Village Kozhikode Taluk, Kozhikode District (Judgment in WP (C) No.19589/2020 filed by Sri.Abdul Rahim, M/s Mukkam Metals - regarding the validity of EC. (File No.2450/EC4/SEIAA/2020)**

**Decision:**The proponent submitted the documents on 17.02.2022 as per the directions of the 123<sup>rd</sup> SEAC meeting. The proponent also submitted the Revised Scheme of Mining, Cluster Certificate and the Hazard Zonation Map. The Certificate of Compliance from Regional Office, MoEF & CC, Bangalore is yet to be submitted. The re-verification of compliance status was carried out on 7.4.2022. The proponent is yet to undertake efforts for the removal of overburden, maintenance of benches, maintenance of slope, maintenance of garland drains and mine pit as stipulated in the EC. In this background, the Committee decided to recommend the rejection of the proposal for revalidation of EC.

**127.20            Judgment dated 31.03.2022 in the WPC No.32652/2018 filed by Sri.N.P.Padmanabhan, Kozhikode before the Hon'ble High Court of Kerala. (0068/EC4/2021/SEIAA)**

**Decision:**The committee noted the Judgment. SEIAA may direct whether the ex-post-facto appraisal is required in this case or not. If the appraisal is required, the details and documents may be called for from the proponent since the proponent has not submitted any documents for revalidation.

**127.21            Environmental Clearance for the proposed granite building stone quarry in Re.Sy.No.196, 1293 in Ayyankunnu Village, Iritty Taluk, Kannur District Kerala-Judgment dated 10.02.2021 in the WPC No.27890/2020 filed by Sri.Usman, Kannur before the Hon'ble High Court of Kerala (SIA/KL/MIN/129447/2019) (File No.1538/EC3/2019/SEIAA)**

**Decision:**The Committee verified the request of the proponent and found that the field inspection scheduled earlier was not conducted since it was informed that the project area was in the containment zone. Therefore, the Committee decided to entrust the team of Dr. R. Ajayakumar Varma and Dr. A.N. Manoharan for field inspection and report.

**127.22            Environmental clearance issued for the quarry project in Sy.No.65/1, 3, 5, 6, 7, 10, 12, 13, 74/4, 5, and 6 at Nellanad Village and Panchayath, Nedumangadu Taluk, Thiruvananthapuram District by Sri. Abdul Salam Pookunju, M/s Aaramam Rock (P) LTD.- Judgment dated 02.11.2020 in WP (c) No. 11409 of 2020- regarding the validity of EC (624/SEIAA/KL/4807/2014)**

**Decision:**The Committee verified all the documents submitted by the proponent and the field re-verification report based on the field inspection conducted on 9.4.2022. The Committee decided to recommend revalidation of EC with a Project life of 14 years from the date of the original EC issued (12.6.2017), subject to the following specific conditions in addition to the general conditions

1. Submission of an affidavit by the proponent that the proponent will attend satisfactorily to the following environmental improvement measures **within two months**.
  - a. Enhancing the width and depth of the storm water drains for improving the carrying capacity
  - b. Expanding the stormwater drains to areas where it is not provided within the project site
  - c. Providing more silt traps and ensuring that deposited silts are removed periodically
  - d. Improving the performance of clarifiers including provision of additional siltation tanks and improving the connectivity to natural drains
  - e. Extending and improving the protection walls for the overburden dump and also improving the storm water drains all around the dump site with serious consideration of the facts that the dump is on top of a steep slope and there are a number of houses down below.
  - f. Shifting the overburden dump to lower elevation portion of the project site with immediate effect.
2. Submission of an affidavit that the RL at cliff shall be kept unaltered by restricting mining operations
3. Submission of an affidavit that the proponent will immediately stop clearing of the land at the narrow gap of land between the two cliffs located on the east and west portion of the ridge. It is noted that w.e.f the year 2020 the proponent commenced the above clearing as per google maps, thereby the working faces will shortly be visible from the Karett/Vamanapuram Centre. Thus, it will lead to the violation of second Specific condition of the EC issued in 2017 which read as “On the northern side with steep slope, quarrying area should be limited in such a way that excavated working faces are not visible from Karett/Vamanapuram Centre. The RL at cliff shall kept unaltered by restricting mining operations”
4. All the Specific Conditions stipulated in the EC issued in 2017 should be made applicable for the revalidated EC.
5. The following additional specific conditions may also be ordered for compliance.
  1. Blasting should be done only using NONEL techniques as suggested in the scheme of mining.
  2. Desiltation of the garland drain, silt traps, siltation ponds and outflow channel should be done periodically and upload the geo-tagged photographs of the cleaning process in the Half Yearly Compliance Report.
  3. Shift the overburden dumping site to the lower portion of the project site on the southern side.
  4. All activities on the slope on the northern side of the project area should be stopped
  5. The green belt zone should be strengthened with indigenous trees.

It is also decided to notify the Authority that a decision on the revalidation of EC may be taken only after receiving the reply sought by the Authority from the District Collector,

Thiruvananthapuram and District Geologist, Thiruvananthapuram on the complaints of Sri. T.P. Suresh Babu vide letter dated 10.08.2021 and Shri. Binu.S. vide letter dated 17.11.2021.

## **PART 1**

### **CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE**

#### **1. SIA/KL/MIN/130104/2019, 1638/EC3/2020/SEIAA**

**Environmental Clearance for the building stone quarry of Mr. P. P. Varghese Proprietor M/s Kallen Metals at Survey No. 487/1-3B, 487/1-2-3 of Pallarimangalam Village, Kothamangalam Taluk, Ernakulam District, Kerala for an Area of 0.9981 Ha (NGT order awaited-Distance Criteria)**

**Decision:**The Committee verified the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 58 m. There is another proposal of the same proponent in Sy. No. 487/1-3B under consideration of the 127<sup>th</sup> meeting of SEAC. The Committee discussed the field inspection report and decided to recommend EC with Project life of 5 years subject to the following specific conditions in addition to the general conditions.

1. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
2. The drainage along with silt traps, collection tanks and outflow channel should be desilted periodically and geotagged photograph should be incorporated in the Half Yearly Compliance Report.
3. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
4. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
5. Compensatory afforestation should be done with indigenous fruit trees and the geocoordinates of the afforested place with photographs should be provided along with HYCR.

#### **2. SIA/KL/MIN/132322/2019, 1635/EC1/2020/SEIAA**

**Granite Building Stone Quarry of Shri. Nino K Thomas" over an extent of 2.7213 Ha. (6.7243 Acres) at Re-Survey 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 (complaint received)**

**Decision:**The presentation and Field Inspection of the project have been completed. A complaint has been received regarding the dispute of land, a part of which is projected as an access road. The proponent has submitted an access road plan. The clarification sought by SEAC in its 117<sup>th</sup> meeting was submitted by the proponent and the details

is inadequate to arrive at a decision. The Committee also verified the complaints received from Manju Thomas dated 13.04.2022 and 22.04.2022 and also from Adv. Jaya Skaria dated 30.04.2022. The Committee decided to recommend to SEIAA to direct the proponent to redress the dispute and submit the application along with the latest Cluster Certificate from Mining and Geology Department.

**3. SIA/KL/MIN/133818/2019, 1644/EC3/2020/SEIAA**

**Environmental Clearance for the building stone quarry of Mr. P. P. Varghese Proprietor M/s Kallen Metals at Survey No. 487/1-3B part of Pallarimangalam Village, Kothamangalam Taluk, Ernakulam District, Kerala for an Area of 0.9787 hectares.( NGT order awaited-Distance Criteria)**

**Decision:** The Committee verified the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 53 m. There is another proposal of the same proponent in Sy. No. 487/1-3B under consideration of the 127<sup>th</sup> meeting of SEAC. The Committee discussed the field inspection report and decided to recommend EC with Project life of 5 years subject to the following specific conditions in addition to the general conditions.

1. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
2. The drainage along with silt traps, collection tanks and outflow channel should be desilted periodically and geotagged photograph should be incorporated in the Half Yearly Compliance Report.
3. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
4. Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
5. Compensatory afforestation should be done with indigenous fruit trees and the geocoordinates of the afforested place with photographs should be provided along with HYCR.

**4. SIA/KL/MIN/134011/2019, 1629/EC2/2020/SEIAA**

**Building Stone Quarry of Shri. Narayanan K. for an area of 0.9748 hectares at Survey No. 331/2(pt), 332pt of Beemanady Village, Vellarkund Taluk, Kasargod District, Kerala**

**Decision:** The Committee verified the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 117 m. The Committee discussed the field inspection report and decided to recommend EC for a period of 5 years subject to the following specific conditions in addition to the general conditions

- a. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- b. The Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
- c. The garland drain and outflow channel should be provided with intermittent silt traps and maintained periodically by removing the deposited silt and obstructions if any.
- d. Retaining wall should be provided for the dumping site to a height of about 2m.
- e. The transportation of mined material should be prevented during the peak hours in the forenoon and afternoon.
- f. Compensatory afforestation for the trees to be removed from the proposed site should commence in the first year along with the mining operations.
- g. The green-belt development should initiate prior to the commencement of quarry operations by ensuring planting of only the locally preferred and traditionally conserved mixed wild and agroforestry species.
- h. Among the species for restoration, the Kanankai tree (*Cycas circinalis*) which is an endemic and endangered wild cycad of south India, but common in the Malabar region should be included.

**5. SIA/KL/MIN/137456/2020, 1607/EC1/2020/SEIAA**

**Environmental Clearance for Building Stone Quarry of Mr. Nitheesh Babu B.S situated in Block No.29, Re Survey no.119/1, 119/2, 120/1, 120/2, 120/3,120/11,120/12, of Manickal Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala over an area of 1.3552Ha (Judgment dated 12.11.2021 in WP(C) 25028/2021 )Complaint received**

**Decision:**The Committee verified the documents submitted by the proponent and found satisfactory. The nearest built structure is at a distance of 64.6 m. The committee examined the complaint received from Sri. Jayapraksh against the quarry regarding clustering, and found that as per the Cluster Certificate received from M&G Department dated 3.1.2020, there is no cluster situation prevailing as per the existing norms. The Committee also examined the field inspection report and decided to recommend EC with Project life of 12 years subject to the following specific conditions in addition to the general conditions

- a. Compensatory afforestation should be done with fruit trees and the geocoordinates of the place with photographs should be provided along with HYCR.
- b. The traffic plan submitted by the proponent should be adhered to strictly.
- c. Location of OB dumpsites should be protected with proper concrete wall protection to avoid spilling over to the Panchayat road
- d. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- e. The Green belt development in the buffer should be done in the first year of the project itself by giving preference to local plants and it should be nurtured and



maintained in subsequent years.

- f. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- g. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- h. Considering the nearness to built structure, blasting should be regulated with drill holes of 32 mm diameter and 1.5 m depth keeping burden of 1m and spacing of 1.5m.

**6. SIA/KL/MIN/140590/2020, 1791/EC2/2020/SEIAA**

**Granite building stone quarrying is located in Re-Sy. Nos.382/1, & 382/5, Padichira Village, SulthanBathery Taluk, Wayanad District, Kerala State over an extent of 0.7300 Ha by Sri.Joby John.**

**Decision:**The Committee verified the proposal and found that the presentation was conducted. The PP has submitted all the documents except the report on slope stability and the Green Belt Plan with mixed crops.The committee decided to entrust Sri. Dileep Kumar&Dr.Bijukumar for field inspection and report.

**7. 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.( NGT order awaited -Distance Criteria)**

**Decision:** The Committee verified the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 106 m. The Committee discussed the field inspection report and decided to recommend EC with Project life of 6 years subject to the following specific conditions in addition to the general conditions

- 1. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- 2. The garland drain and outflow channel should be provided with intermittent silt traps
- 3. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- 4. The Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.

**8. SIA/KL/MIN/153616/2020, 1809/EC1/2020/SEIAA**

**Environmental Clearance for the Granite Building Stone Quarry Project in Survey No. 4/3, of Vaniyamkulam-2 Village, Ottapalam Taluk, Palakkad**

**District, Kerala for an Area of 0.9415 Ha.by Sri.V. P Ramankutty, Managing Partner M/S Kulappully Granites.(NGT order awaited -Distance Criteria)**

**Decision:**The Committee verified the proposal and found that the presentation was conducted. The PP has submitted the documents called for. The Committee entrusted Dr.R. Ajayakumar Varma, Dr.A.V.Raghu and Dr. K. Vasudevan Pillai for field inspection and report.

**9. SIA/KL/MIN/154110/2020, 1730/EC2/2020/SEIAA**

**M/s K Lekshmanan Infrastructure and Industries Pvt Ltd situated 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 Kerala for an area of 0.9812 hectare**

**Decision:**The Committee examined the details submitted by the proponent and found them satisfactory. The proposed project includes partially private owned land (0.5722 ha.) & partially Govt. land (0.4090 ha.) with NOC (Total Area of 0.9812 hectares). The Committee also discussed the field inspection report. The nearest built structure is at a distance of 54 m. The Committee decided to recommend EC with a Project life of 3 years subject to the following specific conditions in addition to the general conditions

1. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
2. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
3. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
4. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
5. The access road should be developed to ensure hindrance-free road transportation.
6. 167 trees are proposed to be cut for quarrying operation. The area mostly has exposed rock, so compensatory afforestation should be done during the 1st year itself and the coordinates of the area with geotagged photos should be submitted in HYCR.

**10. SIA/KL/MIN/158328/2020, 1424/EC1/2019/SEIAA**

**Application for Granite Building Stone Quarry of Mr.Sasidharan at Re Survey. No. 240/3,244/11,244/10, 244/9,244/3,244/3-1 in Thekkada Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala (Conversion- ToR to EC) (NGT order awaited -Distance Criteria0)**

**Decision:**The Committee verified the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 56 m. The Committee discussed the field inspection report and decided to recommend EC with Project life of 5 years subject to the following specific conditions in addition to the general conditions

- a. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- b. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- c. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- d. An additional drain should be provided through the center of the Quarry, preferably in between boundary stones No 1 & 2 for drainage of rainwater within the quarry.
- e. The Action Plan for boulder management should be strictly followed for the removal of boulders present at the site.
- f. Protection wall should be provided around the proposed OB dumpsite.
- g. The approach road leading to the quarry should be widened before the commencement of quarrying.
- h. Mining should be limited to the bench proposed from 80 to 75 m, for the protection of groundwater and avoiding water level reduction.

**11. SIA/KL/MIN/158794/2020, 1835/EC6/2020/SEIAA**

**Application for Environmental Clearance for the Granite Building Stone Quarry of Mr. Shabeerali in Sy.No.383/1, 385 in Panthalloor Village, Ernad Taluk, Malappuram District for an area of 1.8112 Ha.(Conversion TOR to EC) (NGT order awaited -Distance Criteria)**

**Decision:**The Committee verified the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 101.5 m. The Committee discussed the field inspection report and decided to recommend EC for Project life of 10 years subject to the following specific conditions in addition to the general conditions

- a. Compensatory afforestation should be done with fruit trees and it should commence prior to the commencement of mining. The geocoordinates of the afforested place with photographs should be provided along with HYCR.
- b. Maximum buffer should be maintained between the abandoned quarry & nearby BP4.
- c. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- d. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- e. Retaining wall should be provided for the dumping site to a height of about 2m.

- f. The transportation of mined material should be prevented during the peak hours in the forenoon and afternoon.
- g. Sprinkling of water should be done on the unsurfaced road prior to the movement of each truck.
- h. The green-belt development should be initiated prior to the commencement of quarry operations.
- i. The CER proposed should be implemented during the first two years and maintained during the remaining project period.

## **12. SIA/KL/MIN/159197/2020, 1324/EC2/2019/SEIAA**

**Granite Building Stone Quarry of Smt. E.M. Pathumbi (Conversion-ToR-EC) at Re Survey.No: 325/1,327/5, (Block No-04) in Pallassena Village, Chittur Taluk, Palakkad District, Kerala (NGT order awaited -Distance Criteria)**

**Decision:** The Committee verified the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 76 m. The Committee discussed the field inspection report and decided to recommend EC with Project life of 2 years subject to the following specific conditions in addition to the general conditions

1. The Overburden dumping site should be shifted to the southwest part of the project area.
2. Green belt development in the buffer should be done in the first year of the project itself by giving preference to indigenous plants and it should be nurtured and maintained in the subsequent year.
3. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
4. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).

## **13. SIA/KL/MIN/159524/2020, 1442/EC2/2019/SEIAA**

**Environment Clearance for the Granite Building Stone quarry of Mr. P.R. Vijayakumar at Re Survey No-53/2 in Venganellur Village, Thalappilly Taluk, Thrissur District, and Kerala for a total mine permit area of 0.9907 Ha (conversion-TOR-EC) (NGT order awaited -Distance Criteria)**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 110 m. The Committee discussed the field inspection report and decided to recommend EC with a Project life of 5 years subject to the following specific conditions in addition to the general conditions

- a. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- b. The Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
- c. Compensatory afforestation should be done with indigenous fruit trees and the geocoordinates of the place with photographs should be provided along with HYCR.

- d. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- e. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- f. The blasting shall be started only after removing the jointed rock blocks at the surface by using breakers, the jointed rocks must be split before removing.
- g. The overburden should be stacked in survey No.53/6 as proposed.
- h. The width of the access road should be enhanced as per the affidavit submitted. The proponent should adhere to the plan for traffic management submitted in consultation with the adjacent proposed quarry of Shri. Joseph.
- i. The proponent should follow the schedule of blasting to not to overlap with the blasting time of the adjacent quarry.

Since the proposed site is within 10 km of the nearest Protected Area, the proposal may be processed only after the submission of proof regarding the application submitted to the National Board of wildlife and EC should be issued only after receiving the wildlife clearance.

#### **14. SIA/KL/MIN/165625/2020, 1440/EC1/2019/SEIAA**

**Application for EC for the proposed Granite Building stone of Mr. C. Krishna Pillai (Conversion ToR- EC) in Block No-27, Re-Survey Nos.283/1pt,283/2pt,283/4,296/3pt of Ezhumattoor Villag, Mallapally Taluk of Pathanamthitta District, Kerala ( Conversion ToR- EC)(NGT order awaited - Distance Criteria)**

**Decision:** The Committee verified the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 56.3 m. The Committee discussed the field inspection report and decided to recommend EC for a period of 3 years subject to the following specific conditions in addition to the general conditions

- a. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- b. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- c. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- d. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- e. The Green belt development in the buffer should be done in the first year of the project itself with indigenous plants and it should be nurtured and maintained in subsequent years.

- f. The small built structures within the distance of 50m from the project boundary should be demolished prior to commencement of mining.
- g. The outflow channel should be connected to a natural drain which should be maintained properly to avoid runoff along the road during rains
- h. The proponent should discharge the outflow from the quarry to the way-side public drain only after obtaining permission from the LSG.
- i. The overburden dump should be located in the lower elevation area of the project site.

**15. SIA/KL/MIN/169720/2020, 1433/EC1/2019/SEIAA**

**Environmental Clearance for the Granite Building Stone Quarry project in Re Survey Nos. 321/1-1 of Kulukkallur Village, Pattambi Taluk, Palakkad District, Kerala by Sri.MuhammedSaleem.V (Conversion ToR to EC) (NGT order awaited -Distance Criteria)**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 99.5 m. The Committee discussed the field inspection report and decided to recommend EC with a Project life of 5 years subject to the following specific conditions in addition to the general conditions

- a. Schedule of blasting should not overlap with the blasting time of the adjacent quarry.
- b. The maximum depth of mining should be limited to 40 m above MSL to avoid breaching of the water storage in the quarry pit and also to avoid impact on the nearby wells.
- c. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- d. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- e. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- f. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- g. The Green belt development in the buffer should be done in the first year of the project itself by giving preference to local plants and it should be nurtured and maintained in subsequent years.
- h. Compensatory afforestation should be done during the 1st year itself and the coordinates of the area with geotagged photos shall be submitted in HYCR
- i. The proponent should follow the measures in the comprehensive EMP prepared for the proposed and the two nearby abandoned quarries.

**16. SIA/KL/MIN/172168/2020, 1815/EC6/2020/SEIAA**

**Environmental Clearance to the Granite Building Stone Quarry Project in Survey Nos. 587/1,586 of Painkulam Village, Thalappilly Taluk, Thrissur District by Sri.Ramankutty(Conversion ToR to E.C)(NGT order awaited -Distance Criteria)**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 101.5m. The Committee discussed the field inspection report and decided to recommend EC for a period of 5 years subject to the following specific conditions in addition to the general conditions

- a. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- b. The Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
- c. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- d. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).

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

**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 (ToR Proposal in Part 5 Item No.4) (NGT order awaited -Distance Criteria)**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 72.3 m. The Committee discussed the field inspection report and decided to recommend EC for a period of 5 years subject to the following specific conditions in addition to the general conditions

- a. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain. An additional clarifier should also be provided.
- b. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- c. Blasting should be scheduled such that it will not overlap with the blasting time of the adjacent quarry.
- d. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- e. Access road is narrow, so medium type vehicle should be used for the transportation of mined material. The proponent should adhere to the plan for traffic management submitted in consultation with the adjacent proposed quarry of Shri Vijayakumar.

The EC should be issued only after producing a consent letter from the landowner of the plot SY NO.53/6 where the proponent plan to stack the overburden.

The proposed site falls within 10 km of the nearest Protected Area. Therefore, the Authority may process the application only after the Proponent produce the proof of the application for clearance from the National Board for Wildlife and EC should be issued only after obtaining wildlife clearance.

**18. SIA/KL/MIN/218994/2021, 1917/EC6/2021/SEIAA**

**Building Stone Mine ( Quarry, Minor Mineral Mining ) project of M/s Mattathil Mines and Developers (P) Ltd. is situated at Re-Survey Nos. 898, 899/1, 899/2, 896/1, 896/2, 897/1 at Kodassery Village, Chalakudy Taluk, Thrissur District, Kerala for are (Forwarded to MoEF)**

**Decision:** The Committee decided to consider the proposal after obtaining a direction from SEIAA as it is requested to forward the file to MoEF&CC since the PP has applied to MoEF& CC.

**19. SIA/KL/MIN/267003/2022, 1285EC2/2019/SEIAA**

**Environmental Clearance for the proposed Building Stone Quarry project in Re.Survey 98/1 in Raroth Village, Thamarassery Taluk, Kozhikode District, Kerala State. by Mr. Haris. C**

**Decision:** The proposal was considered in the 125<sup>th</sup> SEAC meeting and decided to recommend EC with specific conditions. Now the proponent has applied through the Parivesh portal, the Committee decided to adhere to the decision taken earlier.

**20. SIA/KL/MIN/268917/2022, 1974/EC4/2022/SEIAA**

**Environmental clearance for the proposed Building Stone Quarry project in, Survey No.1619/1,1621/1 in Kanthaladu Village, Thamarassery Taluk, Kozhikode District, Kerala, by Mr. Haridasan T.H.(File No.1264/EC1/2019/ SEIAA)**

**Decision:** The proposal was considered in the 125<sup>th</sup> SEAC meeting and decided to recommend EC. Now the proponent has applied through the Parivesh portal, the Committee decided to adhere to its former decision in File No.1264/EC1/2019/ SEIAA.

**21. SIA/KL/MIN/269106/2022, 2543/EC2/2019/SEIAA**

**Environmental Clearance for Al- Fathima Granite building stone quarry in Survey No 34/3-2,34/10,34/9,35/1-2,31/1-2,31/1-3,31/1-4, 45/2, 45/7, 45/8-2,46/1-2, 34/8,34/12, 44/2-3, 46/3, 45/5, 45/6, 34/3, 44/4 and 44/5, 34/2 in Mancode Village, Kottarakkara Taluk, Kollam District.**

**Decision:** The proposal was considered in the 125<sup>th</sup> SEAC meeting and decided to recommend EC. Now the proponent has applied through Parivesh portal and the Committee decided to adhere to its former decision.



## **22. SIA/KL/NCP/71500/2017 , 1143/EC/SEIAA/KL/2017**

Application for EC for the Proposed Outer Ring Road (ORR) under CRDP-II, Thiruvananthapuram, Kerala (Southern Ring: Mangalapuram-Thekkada-Vizhinjam) -  
**(PRESENTATION)**

**Decision:** The presentation was made by a representative of the proponent (as authorized) and the functional area expert of Consultant of M/s L & T Ltd who conducted the EIA. At the outset, the Committee observed that the Conceptual plan of the project, in principle, will enable the improvement of the adjacent urban environment provided the adverse impacts of the proposed project anticipated are mitigated appropriately. The Committee further heard the presentation and sought clarification on various aspects of the EIA study and EMP proposal. The response to the clarifications sought by the Committee was not satisfactory. It is found that the EIA study has not covered all the aspects proposed in the approved TOR. Therefore, the Committee decided to direct the proponent as follows.

- a. Complete the EIA study by addressing all the aspects in the approved TOR.
- b. Provide the details/plan of the stormwater drainage and its interconnection with the natural drain of the locality along with predicted impacts and mitigation measures.
- c. Detailed plan proposed for mitigation of air pollution and enhanced noise levels including the details of avenue plants and vegetation.
- d. Conduct slope stability study, wherever required as per the terrain conditions, and suggest feasible management measures.
- e. Assess impact of the drainage diversion proposed in the project and its management measures.
- f. Provide a detailed plan for the management of Construction and Demolition waste and excess cut waste.
- g. Details of the environmentally sensitive spots such as wetlands, sacred groves, natural regions with rare and endemic species etc along and adjacent to the project area and assess the impacts and mitigation measures
- h. Impact on rock-cut caves, temples, churches, mosques and other locally important structures etc., if any and management measures.
- i. Impact of sourcing and transportation of the construction materials and management measures required.
- j. Impact of air pollution taking into consideration the diffusion effect from the air pollution hot spots in the adjacent urban core.
- k. The proponent proposes to extract building stones from Mookkunnimala, the feasibility of the same is to be provided since it is near Defence Installation and the area is an assigned land.
- l. Details of the compensatory plan for trees proposed to be removed from the proposed project area.
- m. Details of avenue trees and its proposed nurturing and management measures
- n. Details of the rehabilitation and resettlement plan, if applicable

The Committee also decided to forward the complaints received from the public to the proponent for getting remarks and incorporating it in the mitigation and redressal plan.

**CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL  
CLEARANCE(Extension/Amendment/Corrigendum)**

- 1. SIA/KL/MIN/178275/2020 , 55/DEIAA/KL/KKD/H/15545/2017**  
**Environmental Clearance for Laterite Building Stone Quarry of Devadasan.P,**  
**over an extent of 0.9712 Ha in ReSy No-12/2A2A of Thalakulathoor Village,**  
**Kozhikode Taluk, Kozhikode District, Kerala. (Covid – Extension approved)**

**Decision:**The Committee considered the request of the proponent to extend the validity of EC for 2 years and scrutinized the documents. It is found that the Proponent gets a one year extension as per the covid relaxation. The Committee decided to direct the proponent to submit the following additional documents for further decision.

- a. Geotagged photographs of the project area from different locations and angles.
- b. Details of the quantity of laterite already extracted.
- c. Depth up to which the mining has already been completed.
- d. Details of drainage provided

**CONSIDERATION OF TOR PROPOSALS**

- 1. SIA/KL/NCP/71550/2022, 1942/EC4/SEIAA/2022**  
**EIA study for obtaining CRZ and EIA clearance for the proposed development**  
**of Inland Waterways from Mahe to Valapattanam River**

**Decision:**The intimation regarding the presentation was given to the proponent vide e-mail dated 23.4.2021. The proponent vide e-mail dated 25.4. 2022, intimated that they have decided to change the alignment and the matter is under consideration of Govt. so it is intimated that they cannot present before the Committee for the presentation of the project. Hence, the Committee decided to postpone the presentation to another meeting.

**PART 2**

**CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE**

- 1. SIA/KL/MIN/140622/2020, 1722/EC3/2020/SEIAA**  
**Building stone quarry owned by Mr. Joy AM situated at Survey Nos. 158/5-1pt**  
**in the Arakuzha Village, Muvattupuzha Taluk, Ernakulam District, Kerala for**  
**an area of 0.2023 hectares**

**Decision:** The Committee examined the proposal and found that it was considered by the previous SEAC and accordingly decided to invite the proponent for presentation.

**2. SIA/KL/MIN/141299/2020, 1854/EC6/2020/SEIAA**

**Application for Environmental Clearance for the Laterite Building stone quarry of Mr. Kunhi Mohammed over an area of 0.1536 hectares in Sy No. 8/1 located in Kuruva village under Perinthalmanna Tehsil of Malappuram District Kerala.**

**Decision:**The Committee examined the proposal and found that it was considered by the previous SEAC and accordingly decided to invite the proponent for presentation.

**3. SIA/KL/MIN/151053/2020, 1817/EC6/2020/SEIAA**

**Application for the Granite Building Stone Quarry Of Mr.Kuttiamu Haji In Survey No:174,Cherukavu Village,Kondotty Taluk, Malappuram District, Kerala**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**4. SIA/KL/MIN/159159/2020, 1852/EC2/2020/SEIAA**

**Laterite building stone quarry of Prabhat Menon situated at Re-Survey No. 676/pt of Madikai Village, Hosdurg Taluk, Kasaragod District, Kerala for an area of 0.0972 hectares.**

**Decision:** The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**5. SIA/KL/MIN/159687/2020, 1853/EC2/2020/SEIAA**

**Conversion TOR to EC- Granite Building Stone Quarry of Mr. Sebastian George at Re Survey No 599/1A1, 599/1A2 & 599/3 of Village – Belur, Taluk – Vellarikund, District – Kasargode, Kerala for an extent of 0.8752 Ha**

**Decision:** The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**6. SIA/KL/MIN/161069/2020, 1799/EC6/2020/SEIAA**

**Application for Environmental Clearance for the Granite Building Stone Quarry Of Mr.AbdulRasack.P In Survey No:95/9-3,95/7-4 In Mankada Village,Perinthalmanna Taluk,Malappuram District,Kerala (Complaint Received)**

**Decision:** The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**7. SIA/KL/MIN/164458/2020 , 1847/EC1/2020/SEIAA**

**Application for EC for the Building Stone Quarry of Vijayan R in an extent of 0.3900 Ha in Pallikkal Village, Varkala Taluk, Thiruvananthapuram**

**Decision:** The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**8. SIA/KL/MIN/166718/2020, 1866/EC6/2020/SEIAA**

**Application for Environmental Clearance for the Granite Building Stone Quarry of Khaja Hussain. K. K at Re Survey No: 26/9-277, 26/9-278, 26/9-102, 26/9-103,, Re survey Block No: 2 in Thazhekkode Village, Perinthalmanna Taluk, Malappuram District, and Kerala for an area of 4.8127 hectares.**

**Decision:** The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**9. SIA/KL/MIN/167172/2020 , 1862/EC6/2020/SEIAA**

**Application for the Environmental Clearance for the Proposed Granite (Building Stone) Quarry in Re-Survey Nos. 89/ 3- 3, 82/ 1- 3, 82 /1 -4, 89 /1 -11, 82/ 1 - 2, 89/ 1- 3, 89/ 3- 2 in Block No: 13, Muthuvallur Village, Kondotty Taluk, Malappuram District, Kerala for an extent of 1.3301 Ha by Mr. Niyas P.V, M/s HI ROCK GRANITES PRIVATE LIMITED**

**Decision:** The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**10. SIA/KL/MIN/169289/2020, 1843/EC6/2020/SEIAA**

**Application for Environmental Clearance for the Granite Building Stone Quarry Of Mr.Sudheermon.P.P In Survey No:217/4,In PulpattaVillage,EranadTaluk,Malappuram district ,Kerala State**

**Decision:** The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**11. SIA/KL/MIN/173485/2020, 1834/EC6/2020/SEIAA**

**Application for Environmental Clearance for the Granite Building Stone Quarry of Mr. Sameer P. at Re. Sy. No. 237/2, 237/1, 237/1-2 of Nediyruppu Village, Kondotty Taluk, Malappuram District of Kerala for an extent of 2.7047 Ha**

**Decision:** The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**12. SIA/KL/MIN/175428/2020, 1876/EC3/2021/SEIAA**

**Environment Clearance for a mining lease of “Granite Building Stone Quarry of Shri.Anish Abraham” over an extent of 1.0 Ha.in Sy. Nos. 730, Vagamon Village, Peerumedu Taluk, Idukki District, Kerala.**

**Decision:** The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**13. SIA/KL/MIN/178887/2020, 1850/EC4/2020/SEIAA**

**Environmental Clearance for a mine of Ordinary clay in survey no.. 7/6, 7/7, 7/8, 7/9 of PariyaramVlageiThaliparambu Taluk Kannur district ,Kerala by SushiLAaron,M/s Baliapattam Tile Works Ltd.**

**Decision:** The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**14. SIA/KL/MIN/180272/2020, 1841/EC3/2020/SEIAA**

**Environmental Clearance for Ordinary Earth Mining Project of Mr. V.A Rajan, over an extent of 0.4613 Ha in Sy No-676/13-1, 676/13-2 of Ramamangalam Village, Muvattupuzha Taluk, Ernakulam District, Kerala.**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**15. SIA/KL/MIN/181699/2020, 1875/EC3/2021/SEIAA**

**Environment Clearance for a mining lease of “Granite Building Stone Quarry M/s. Focus Mining Company” over an extent of 4.6674 Ha.at Re-Sy. Bl. No.13, Re-Sy.Nos. 335/2-1, 335/2-2, 335/2-3, Kanjirappally Village, Kanjirappally Taluk, Kottayam District, Kerala.**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**16. SIA/KL/MIN/186100/2020, 1848/EC4/2020/SEIAA**

**Environment Clearance for the proposed Granite Building Stone quarry of Mr.Rajesh.T.Sat Re Survey. No.5in Eruvessi Village, Taliparamba Taluk, Kannur District, Kerala for total mine lease area of 1.0963 Ha**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**17. SIA/KL/MIN/187772/2020, 1857/EC4/2020/SEIAA**

**Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in Block No. 210, Re-Survey No: 2/106 in Padiyoor Village, Iritty Taluk, Kannur District, Kerala for an extent of 0.1942 Ha**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**18. SIA/KL/MIN/188469/2020, 1868/EC4/2020/SEIAA**

**Environmental Clearance of Laterite Building Stone Quarry of Mr. Riyas N.K.at Re -Sy. No. 149/1 of Perumanna Village, Kozhikode Taluk, Kozhikode District of Kerala for an extent of 0.2593 Ha**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**19. SIA/KL/MIN/194573/2021, 1889/EC6/2021/SEIAA**

**Application for Environmental Clearance for the Laterite Building Stone Quarry of Mr. AseesKadakkadan, Ponmala- Village, Tirur Taluk, Malappuram District for an extent of 0.5827 Ha Sy.No:458/2,3 of Ponmala-Village, Tirur-Taluk, Malappuram- District, Kerala**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**20. SIA/KL/MIN/195042/2021, 1886/EC4/2021/SEIAA**

**Environmental Clearance for the Proposed Laterite Building Stone Quarry of Sri. Chandrasekharan K.P at Re - Sy. No 3/485 of Kalliad Village, Iritty Taluk, Kannur District of Kerala for an extent of 0.3885 Ha**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**21. SIA/KL/MIN/195293/2021, 1895/EC6/2021/SEIAA**

**Application for Environmental Clearance for Laterite (Building Stone) Quarry in Survey Nos: 98/5-2, 98/5-3 in Ponmala Village, Tirur Taluk, Malappuram District, Kerala for an extent of 0.1921 Ha by Mr. Yousufali. T**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**22. SIA/KL/MIN/195303/2021, 1885/EC4/2021/SEIAA**

**Environmental clearance for the Proposed Granite Building Stone Quarry of Mr. M.P Balan.at Re.Sy. No. 29/3 of Meppayyur Village, Koyilandy Taluk, Kozhikode District of Kerala for an extent of 0.9928 Ha**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**23. SIA/KL/MIN/195424/2021, 1902/EC4/2021/SEIAA**

**Environmental Clearance for the Proposed Laterite (Building Stone) Quarry in Re-Survey No: 30/1687 New (30 old) in Chuzhali Village, Thaliparamba Taluk, Kannur District, Kerala for an extent of 0.4047 Ha**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**24. SIA/KL/MIN/204626/2021, 1351/EC2/2019/SEIAA**

**Environmental clearance for our Building Stone quarry Situated at Sy. No. 253/14, 266/1 & 266/2 of Cherukave village Kondaty Taluk, Malappuram district of Kerala state, extends over an area of 3.9800 Ha. by Mrs. Malathy**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**25. SIA/KL/MIN/204850/2021, 1352/EC2/2019/SEIAA**

**Environmental clearance for our Building Stone quarry situated at Sy. No. 253/14, & 266/2 of Cherukave village Kondaty Taluk, Malappuram District of Kerala State, extends over an area of 4.4462 Ha. by Mr. Jayaprakash**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**26. SIA/KL/MIN/209584/2021, 1903/EC3/2021/SEIAA**

**Granite Building Stone Quarry over an extent of 3.6153 Hectares in Survey No. 231part (Govt. Land) at Konnathady Village of Idukki Taluk, Idukki District, Kerala by Mr. Ananthu Sunil**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**27. SIA/KL/MIN/45189/2019, 1739/EC4/2019/SEIAA**

**Environment Clearance for a mining lease of "Granite Building Stone Quarry of M/s. K. V. N. Engineering & Constructions' over an extent of 3.4162 Ha.(8.4414 Acres) at Sy. No. 292/1A, Vellad Village, Thaliparamba Taluk, Kannur District, Kerala State.**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**28. SIA/KL/MIN/52716/2020, 1654/EC6/2020/SEIAA**

**Application for Environmental Clearance for the Granite Building Stone Quarry of Mr SajeerMoyin at Survey Number 323/1-3, 323/1-4, 323/1-11 & 323/1-12 at Thiruvalli Village, Nilambur Taluk, Malappuram District, Kerala for an area of 4.7425 hectares**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

**29. SIA/KL/MIN/62708/2019, 1901/EC4/2021/SEIAA**

**Environmental Clearance for the Proposed Granite Building Stone Quarry of Mr. Abdul Rahim at Re Survey No. 147/46, 147/2A1, 147/2A2, 147/42, 147/43, 147/44, 147/41 at Thazhakkode Village, Kozhikode Taluk, Kozhikode District, Kerala for an extent of 3.8830 Ha**

**Decision:**The Committee examined the proposal and found that it was considered by previous SEAC and accordingly decided to invite the proponent for presentation.

### **PART 3**

#### **CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE**

**1. SIA/KL/MIN/126172/2019, 1527/EC1/2019/SEIAA**

**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. Block no. 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 Committee examined the project and found that there are two built structures within the project area and there are other buildings near around 50m from the project area. Therefore, the project is not feasible as per norms. The Committee decided to recommend rejection of the proposal.

**2. SIA/KL/MIN/127122/2019 , 1562/EC1/2019/SEIAA**

**Granite quarry of Mr. Mathew Daniel for an extent of 2.23.92 Ha in survey No. 340/1/99-1, 340/1/99-2, 340/1/102/2-1, 340/1/100/3, 340/1/100-4, 340/1/100-1, 340/1/100-2, 340/1/102-2, 340/1/103-1 At Enadimangalam Village, Adoor Taluk, Pathanamthitta District, Kerala**

**Decision:** The committee examined the proposal & decided to entrust Dr.Mahesh Mohan &Smt. Beena Govindan for field inspection and report.

**3. SIA/KL/MIN/127562/2019, 1522/EC3/2019/SEIAA**

**Building stone quarry of “Mr. Maneesh P Mohanan, At Sy.No: 1110/1B-5,1110/1B10,225/1A/14Pt,225/1A/14Pt,225/1A/14Pt,227/14., in Marady Village, Muvattupuzha Taluk, Ernakulam District, Kerala State.**

**Decision:**The Committee verified all the documents submitted by the proponent and found them satisfactory. The Committee also discussed the field inspection report. The nearest built structure is at a distance of 55 m. The Committee decided to recommend EC with Project life of 5 years subject to the following specific conditions in addition to general conditions.

- a. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- b. The Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.



- c. Measures incorporated in the CER should be implemented in total during the first two years and they should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- d. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- e. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- f. The mining should be restricted to 17m above MSL.

**4. SIA/KL/MIN/128945/2019, 1534/EC3/2019/SEIAA**

**Environmental Clearance for granite building stone quarry of Mr. N.J James, Managing partner, M/s, Neerakkal Granites (Category – B2) at Elanji Village, Muvattupuzha Taluk, Ernakulam District, Kerala State for an area of 0.7028Ha. (Judgment of Hon'ble High Court in WP(C) No. 35397 of 2019 dated 20-12-2019)**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 70.4 m. The Committee discussed the field inspection report and decided to recommend EC with Project life of 5 years subject to the following specific conditions in addition to the general conditions.

- a. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- b. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- c. The Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
- d. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain. An additional clarifier should also be provided.
- e. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- f. Access road is narrow, so medium type vehicles should be used for the transportation of mined material.

**5. 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, (422/1-7,422/1-9,4222/1-10, 422/1-11,422/1-12)&Re survey no.298/2 in Kuzhimanna&Muthuvallur Village, Kondotty Taluk, Malappuram District, Kerala State.by Mr.Sajeer Babu**

**Decision:** The Committee verified the proposal and observed that the water requirement of the project shown is inadequate. There is no water source, except the assurance of the proponent

that they will sink a bore well. So, the Committee decided to direct the proponent to rework the water requirement and explore appropriate water source and submit feasibility report.

**6. SIA/KL/MIN/129061/2019, 1531/EC3/2019/SEIAA**

**Environmental Clearance for granite building stone quarry of Mr Sabu Varghese Managing Partner M/s Kuriakose Granites at Re- Survey No: 298/4,298/18, Block No.41 in Thiruvaniyoor Village, Kunnathunadu Taluk, Ernakulam District, Kerala State**

**Decision:**The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 58 m. The Committee discussed the field inspection report and decided to recommend EC with Project life of 5 years subject to the following specific conditions in addition to the general conditions.

- a. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- b. The water column of the pit should be restricted to 5m. The proponent should provide suitable measures to maintain the same and report it in the HYCR.
- c. Compensatory afforestation should be done with fruit trees and the geocoordinates of the place with photographs should be provided in the HYCR.
- d. Mining should be regulated above the local ground water table.
- e. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- f. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- g. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).

**7. SIA/KL/MIN/129374/2019, 1540/EC3/2019/SEIAA**

**Application for Environmental Clearance for the Granite Building Stone Quarry project at Survey No. 1/161-2, 1/161-4, 1/161, 1/182-4, 1/45, 1/181-4 in Pullippadam Village, Nilambur Taluk, Malappuram District, Kerala for an extent of 2.4109 Ha of land by Sri.Benny Joseph (Managing Director) M/s Nilamboor Sand and Metals PVT. LTD**

**Decision:**The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 84.8m. The Committee discussed the field inspection report and decided to recommend EC with Project life of 10 years subject to the following specific conditions in addition to the general conditions.

- a. The Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.

- b. OB dumping site is situated very close to the settling tank on the North West boundary. A retaining wall should be constructed to prevent any possible erosion /rolling down of debris to the settling tank.
- c. The valley slope along the eastern boundary should be reinforced by planting appropriate species of trees.
- d. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- e. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- f. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- g. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- h. Soil protection/conservation measures to be taken in the slope region.

**8. SIA/KL/MIN/129508/2019, 1528/EC1/2019/SEIAA**

**Proposed Granite Building Stone Quarry of Mr. Muhammed Hashim over an extent of 1.7488 Hectares in Re-Survey Nos. 22/2-2pt & 22/3pt Pazhavangadi Village, Block No:-10 of Ranni Taluk, Pathanamthitta District, Kerala.**

**Decision:** The Committee verified all the documents submitted by the proponent and the field inspection report of the sub-committee and are found satisfactory. The nearest built structure is at a distance of 63 m. Hence the Committee decided to recommend EC for a period of 7 years subject to the following specific conditions in addition to the general conditions

- a. Compensatory afforestation should be done with fruit trees and the geocoordinates of the place with photographs should be provided along with HYCR.
- b. Overburden dump locality should be shifted to a lower and flat terrain as per the plan submitted.
- c. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- d. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- e. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- f. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.

**9. SIA/KL/MIN/129623/2019, 1537/EC3/2019/SEIAA**

**Granite (Building Stone) Quarry at Re Survey No. 397, Block No : 64 in**

**Elankur Village, Ernad Taluk, Malappuram District, Kerala State for an extent of 3.2636 Ha by M/s Manjeri City Infrastructures And Developers.**

**Decision:**The Committee verified all the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 202 m. The Committee also discussed the field inspection report and decided to recommend EC with a Project life of 10 years subject to the following specific conditions in addition to the general conditions

- a. Compensatory afforestation should be done with fruit trees and the geocoordinates of the place with photographs should be provided along with HYCR.
- b. OB dumping location should be shifted to lower level flat terrain, outside boundary with proper protection.
- c. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- d. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- e. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total

**10. 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 0.7800 Ha Aishwarya Granites.**

**Decision:**The Committee examined all the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 123 m. The Committee also discussed the field inspection report and decided to recommend EC with a Project life of 4 years subject to the following specific conditions in addition to the general conditions

- a. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- b. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- c. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- d. The Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
- e. Proper and sufficient buffer have to be maintained in strict compliance of the approved mining plan.

**11. SIA/KL/MIN/132461/2019, 1572/EC1/2019/SEIAA**

**Granite Building Stone Quarry over an extent of 4.4601 Hectares in Re-Survey Nos. 178/12pt, 178/11pt, 178/13pt, 168/6pt, 168/9pt, 168/10, 168/11pt, 183pt, 175/1pt, 177/1pt, 177/2pt & 178/1pt, at Pallickal Village, Block No.-26 of**

**Varkala Taluk, Thiruvananthapuram District, Kerala State M/s. Crystal Granites**

**Decision:**The Committee verified the proposal and decided to entrust Dr.R. Ajayakumar Varma &Dr.Bijukumar for field inspection and report.

**12. SIA/KL/MIN/134188/2019, 1581/EC2/2019/SEIAA**

**Building Stone Quarry of M/s NAT Industries, at Re Sy Block No: 39, Re Sy No:178/8,173/4-5,173/4-6,173/4-25,173/4-30,173/4-1, Chadayamangalam Village, Kottarakkara, -Kollam, State- extent of 1.8109 (NGT-WP(C)27376/2021)(Complaint Received)**

**Decision:**The Committee examined the documents submitted by the proponent and found satisfactory. The nearest built structure is at a distance of 51.6m. The Committee examined the field inspection report decided to recommend EC with a Project life of 8 years subject to the following specific conditions in addition to the general conditions.

- a. Compensatory afforestation should be done with fruit trees and the geocoordinates of the place with photographs should be provided along with HYCR.
- b. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- c. The approach road should be maintained with a width of 8m in accordance with the affidavit submitted.
- d. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- e. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- f. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- g. Green belt development should commence during the first year itself prior to the commencement of mining.

The Committee also examined the complaint and reply to the complaint by the proponent and decided to recommend a hearing of the complainant and proponent by the SEIAA.

**13. SIA/KL/MIN/136067/2020, 1587/EC1/2020/SEIAA**

**Granite Building Stone Quarry of M/s. Adani Vizhinjam Port Private Limited” over an extent of 1.9274 Ha. (4.7626 Acres) at Re-Survey Block. No:47, Re Survey. Nos. 133/4, 133/16, & 139/6 (Government land), Aryanadu Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala**

**Decision:**The Committee examined the proposal and details submitted. The proponent made presentation of the salient aspects of the proposal before the SEAC. The Committee noted

that the proponent hasnot submitted the certified survey mapcontaining the built structures within the distance 200m of the proposed project boundary, which will have to be obtained. The Committee decided to entrust Dr. R. Ajayakumar Varma &Dr.A. Bijukumar for field inspection and report.

**14. SIA/KL/MIN/34484/2019, 1452/EC2/2019/SEIAA**

**Granite Building Stone Quarry over an extent of 2.9111 Hectares in Sy.Nos. 196/1 pt& 212/1 pt of Valakom Village, Kottarakkara Taluk, Kollam Districtof Shri. M D Sreenivasan**

**Decision:**The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 55 m. The Committee discussed the field inspection report and decided to recommend EC with a Project life of 8 years subject to the following specific conditions in addition to the general conditions

- a. Compensatory afforestation should be done with fruit trees of indigenous species and the geocoordinates of the place with photographs should be provided along with HYCR.
- b. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- c. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain. An additional clarifiers should also be provided.
- d. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Hlaf Yearly Compliance Report (HYCR).
- e. Topsoil dumpsite should be shifted to the lower elevation.
- f. The proponent should adhere to the boulder removal plan as submitted.
- g. The greenbelt development should be done from the first year prior to the commencement of mining.

**15. SIA/KL/MIN/35199/2019, 1461/EC2/2019/SEIAA**

**Environment clearance for the Granite Building Stone Quarry over an extent of 0.7879 Hectares in Sy. No. 127 pt of Thrikkur Village, Mukundapuram Taluk, Thrissur District of Kerala State by M/s Alphonsa Granites.**

**Decision:**The Committee examined the documents submitted by the proponent and decided to entrust Dr.K.N Krishnakumar & SheikHyder Hussain for field inspection and report.The Cluster Certificate submitted along with the application is not conclusive. Therefore, the field inspection team should verify the Cluster Certificate and ifit is not satisfactory,the Proponent should be directed to submit a recent Cluster Certificate.

**16. SIA/KL/MIN/43381/2019, 1580/EC2/2019/SEIAA**

**Granite Building Stone Quarry of Shri. Raghulan Pillai”, located in Re-Sy Nos. 354/1/305 & 354/1/305/236 Pt, Karavalur Village, Punalur Taluk, Kollam District, Kerala State over an extent of 1.9000 Ha. (Complaint Received)**

**Decision:**The Committee examined the proposal and found that the field inspection report was discussed in the 116<sup>th</sup> SEAC meeting and ADS sought have been submitted by the proponent. There are complaints filed on this proposal to which SEAC sought clarification to which the proponent replied that as of now there is no complaints. The Committee noted that vide Letter No. Rev-E2/164/2019-Rev dated 16.10.2021, the Additional Chief Secretary, Revenue (E) Department informed the Complainant that on the recommendation of Director, Vigilance and Anti-Corruption Bureau, the Survey Director has made available a report and the District Collector, Survey Director, Local Self Government Dept. and Revenue (P) Dept. have been asked to take action on the recommendations. The details of the recommendations and action taken are not known to the Committee. In the circumstance, the SEIAA may conduct a hearing of the complainant and proponent for redressal. Based on this, the Authority may advise whether to proceed with the proposal or not.

The proposed project area is 1.9 Ha, Mineable reserve is 7,21,437 MT, Maximum production is 1,25,288 TPA, Life of Mine is 7 Years and the nearest house as per the Field Inspection Report is 72m.

**17. SIA/KL/MIN/43559/2019, 1483/EC2/2019/SEIAA**

**Environmental Clearance for the building Stone quarry project in Rs. Sy.No. 201, 202, 203, 214, 215, 216/1 & 218 at Thiruvilwamala Village, Thalappilly Taluk, Thrissur District for an area of 4.3520 ha by Sri.C.Firos Babu**

**Decision:**The Committee examined the documents submitted by the proponent and decided to entrust Dr.K.N.Krishnakumar & Sheik Hyder Hussain for field inspection and report.

**18. SIA/KL/MIN/43709/2019, 1469/EC3/2019/SEIAA**

**Granite Building stone quarry of “Shri. Sanju P.K, At Re- Survey No: 286/1,286/2,286/2-2, Block No.29 in Mazhuvannoor Village, Kunnathunad Taluk, Ernakulam District, Kerala State**

**Decision:**The Committee examined the documents submitted by the proponents and found them satisfactory. The nearest built structure is at a distance of 55 m. The Committee discussed the field inspection report and recommend EC with a Project life of 5 years subject to the following specific conditions in addition to the general conditions.

- a. Boundary of the old quarry owned by the proponent should be protected with proper fencing before starting the mining activity.
- b. The Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
- c. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.

- d. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- e. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- f. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- g. Compensatory afforestation should be done with fruit trees and the geocoordinates of the place with photographs should be provided along with HYCR.
- h. Blasting should be regulated considering the time of blasting of the adjacent quarry.

**19. SIA/KL/MIN/43903/2019, 1548/EC2/2019/SEIAA**

**Granite Building Stone Quarry over an extent of 0.9037 Hectares in Re-Survey No.- 214/1- 1-1, 214/1-1-2, 214/2pt (Own Patta land) & Re-Sy.No.- 214/1pt (Govt. Land) Pooyappally Village, Kottarakara Taluk, Kollam by Mr. Biju Khan**

**Decision:** The Committee examined the documents submitted by the proponent and decided to entrust Dr. R. Ajayakumar Varma and Smt. Beena Govindan for field inspection and report.

**20. SIA/KL/MIN/43937/2019, 1547/EC2/2019/SEIAA**

**Granite Building Stone Quarry over an extent of 0.5456 Hectares in Re-Survey No.-217/17pt (Patta land) & Re-Survey No.-214/1pt (Govt. Land) Pooyappally Village, Kottarakara Taluk, Kollam by Mr. Biju Khan**

**Decision:** The Committee examined the documents submitted by the proponent and decided to entrust Dr. R. Ajayakumar Varma and Smt. Beena Govindan for field inspection and report.

**21. SIA/KL/MIN/44123/2019, 1495/EC2/2019/SEIAA**

**Granite Building Stone Quarry of M/s. Thomson 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**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 55 m. The Committee discussed the field inspection report and decided to recommend EC with Project life of 8 years subject to the following specific conditions in addition to the general conditions

- a. The Green belt development in the buffer should be done in the first year and commenced prior to the mining activity and it should be nurtured and maintained in subsequent years.



- b. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- c. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- d. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- e. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- f. Mining should be restricted to above the groundwater table.
- g. Slope stabilization measures as per the slope stabilization study should be adopted strictly.

**22. SIA/KL/MIN/44488/2019, 1474/EC1/2019/SEIAA**

**Granite Building Stone Quarry of Sri. Nino K Thomas at Re-Survey Block No. 31, Re-survey. Nos. 394/2, 461/1 & 461/4, Vadasserikkara Village, Ranni Taluk, Pathanamthitta District, Kerala (Complaint received)**

**Decision:** The presentation and Field Inspection of the project have been completed. A complaint has been received regarding the dispute of land, a part of which is projected as an access road. However, the proponent has submitted an access road plan. The clarification sought by SEAC in its 117<sup>th</sup> meeting was submitted by the proponent and the details are inadequate to arrive at a decision. The Committee also verified complaints received from Smt. Manju Thomas on 13.04.2022 & 22.04.2022 and also from advocate Adv. Jaya Skaria dated 30.04.2022. In the circumstance, the SEIAA may conduct a hearing of the complainant and proponent for redressal. Based on this, the Authority may advise whether to proceed with the proposal or not. For proceeding with the proposal, the Proponent will have to submit a recent Cluster Certificate.

**23. SIA/KL/MIN/44736/2019, 1486/EC3/2019/SEIAA**

**Granite Building Stone Quarry of M/s. Ronco Granite Private Limited' over an extent of 3.8316 Ha. (9.4678 Acres) at Sy. Nos. 526/4B3, 527/2A2, 527/2A3, 527/5-1-2, 527/5-2-3, 527/5-3-2, 527/5-4-2, 527/5-5-2, 527/5-6-2, 529/1B-2 of Thirumarady Village, Muvattupuzha Taluk, Ernakulam District, Kerala State (Complaint received)**

**Decision:** The Committee examined the proposal and found that a complaint received from Eliyarmala Samrakshana Samithi has been forwarded by KSDMA through email to the Authority. The KSDMA in its covering mail reported that this area falls in the landslide susceptible zone of the map published by the KSDMA. The above-mentioned site is located in a steep terrain (unstable slope) and is fragile. Many landslide incidences have been reported in this area. It is mentioned that quarrying may pose severe threat to the water sources (natural drainages and the check dams, water tanks, and a tunnel constructed to store and distribute water to inhabitants in the surrounding panchayats), settlements, and the ecology.

Also, this area falls in the eco-sensitive zone. The KSDMA also stated that in the State Disaster Management Plan (available here <https://sdma.kerala.gov.in/disaster-management-plans/>), it is mentioned that the State Environment Impact Assessment Authority (SEIAA) should strictly consult disaster management plans and hazard susceptibility maps before issuing environmental clearance to project proposals (Clause 5.11 in SDMP). The mail also mentioned that KSDMA has no role in quarry licensing. In these circumstances, the Committee decided to seek a clarification on the Complaint from the Project Proponent within 15 days. The Complaint and covering mail of the KSDMA may be forwarded to the Proponent.

**24. SIA/KL/MIN/44831/2019, 1488/EC3/2019/SEIAA**

**Application for Environmental Clearance for the Granite Building Stone Quarry at Survey No. 56/L (p) in Oorakam village, Thirurangadi Taluk, Malappuram District, Kerala in an extent of 0.8758 Ha by Sri. Sebastian K.J**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 60 m. The Committee discussed the field inspection report and decided to recommend EC with Project life of 5 years subject to the following specific conditions in addition to the general conditions.

- a. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- b. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- c. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- d. The seasonal stream should be allowed to flow freely. Protect either side of the stream with bio-fencing without reducing the cross-sectional area.
- e. The stream is allowed to flow through a concrete pipe below the road and at the confluence point where the garland drain meets, a settling tank with 8 m diameter and 1.5 m depth should be constructed.
- f. Garland drain and connected out flow channel should be maintained in such way that it will not cause any damage to a nearby house.
- g. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- h. The Overburden dumpsite should be relocated to a lower elevation.
- i. The approach road must be properly maintained by periodic tarring.

**25. SIA/KL/MIN/44866/2019, 1505/EC3/2019/SEIAA**

**Granite Building Stone Quarry of Shri. Cherian K Jose located at Re-Sy No. 891/1A/38, 891/1A/82 & 891/1A/100, Kadavoor Village, Kothamangalam Taluk, Ernakulam district.**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 60 m. The Committee discussed the field inspection report and decided to recommend EC with Project life of 3 years subject to the following specific conditions in addition to the general conditions

- a. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- b. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- c. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- d. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- e. The Green belt development in the buffer should commence prior to the commencement of mining in the first year of the project and it should be nurtured and maintained in subsequent years.
- f. Compensatory afforestation should be done with fruit trees of indigenous species and the geocoordinates of the place with photographs should be provided along with HYCR.
- g. The road should be widened as per the affidavit submitted.

#### **PART 4**

#### **CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE**

##### **1. SIA/KL/MIN/126527/2019, 1819/EC6/2020/SEIAA**

**Environmental Clearance for Granite Building Stone Quarry Project at Resurvey no. 198/5, in Pulikkal village, Kondotty Taluk, Malappuram District, Kerala for an extent of 0.5265 Ha by Sri.P.Abbas**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory, except for the survey map showing the nearest built structure, which is illegible. So, Committee decided to direct the proponent to submit a recent certified survey map showing nearest built-up structures including houses and other buildings and infrastructure.

##### **2. SIA/KL/MIN/126728/2019, 1782/EC4/2020/SEIAA**

**Environmental Clearance for the proposed Granite (Building Stone) Quarry with a permit at survey no. 275/1Apt in Thriprangotoor village, Thalassery Taluk, Kannur District, Kerala for an extent of 0.6844 Ha**

**Decision:** The committee examined the documents submitted by the proponent and found them satisfactory. The Committee decided to entrust Dr. R. Ajayakumar Varma and Shri.K.Gopinathan for field inspection and report.

**3. SIA/KL/MIN/129967/2019**

**Environmental Clearance for the Proposed Granite (Building Stone) Quarry with a permit at Un survey in Thiruvambady Village, Thamarassery Taluk, Kozhikode District, Kerala for an extent of 0.9800 Ha**

**Decision:** The committee examined the documents submitted by the proponent and found them satisfactory except for the Survey map submitted which is not legible. The committee decided to entrust Dr. A. N. Manoharan and Dr. C. C. Harilal for field inspection and report. The field inspection team should verify the document during field inspection.

**4. SIA/KL/MIN/131340/2019, 1574/EC2/2019/SEIAA**

**Environmental Clearance for granite Building Stone Quarry over an extent of 0.9907 Hectares in No. 10/2 pt, 10/4 pt, 13/14 pt, 13/15 pt, 13/16 and 13/17 pt of Veliyam Village, Kottarakkara Taluk, Kollam District of Kerala State by Mr. Najeem, A.**

**Decision:** The Committee examined the documents and found them satisfactory. The Committee decided to entrust Smt. Beena Govindan & Dr. R. Ajayakumar Varma for field inspection and report.

**5. SIA/KL/MIN/133893/2019, 1788/E2/2020/SEIAA**

**Environment Clearance for mining of „Granite Building Stone Quarry of M/s. Pulpally Stone Crushers“ over an extent of 0.7905 Ha.(1.9533 Acres) at Re-Sy. Nos. 399/1, 399/15 & 399/18, Padichira Village, Sulthan Bathery Taluk, Wayanad District, Kerala by Binoj K Baby.**

**Decision:** The Committee examined the documents and found that the proponent has not submitted a certified report regarding the distance from the protected area. The Proponent has presented the project earlier. The Committee decided to entrust Er. M. Dileep Kumar and Dr. A. Bijukumar for field inspection and report. The Field verification team shall verify the distance of the project area from the Protect Area.

**6. SIA/KL/MIN/134153/2019, 1797/EC6/2020/SEIAA**

**Application for Environmental Clearance for the Granite Building Stone Quarry project in Sy No-276/1 in Oorakam village, Thirurangadi Taluk, Malappuram District, Kerala for an area of 0.7874 Ha by Shri. K.P. Muhammed Basheer**

**Decision:** The Committee examined the document. The presentation of the salient aspects of the project has been done earlier. The Committee decided to entrust Dr. K. Vasudevan Pillai and K. Gopinathan for field inspection and report.

**7. SIA/KL/MIN/134486/2020, 1790/EC4/2020/SEIAA**

**Environmental Clearance for the proposed Granite Building Stone Quarry Project at Re Survey No. 2/18, 2/20, 2/46, 2/76, 2/77, 2/78 in Raroth Village, Thamarassery Taluk, Kozhikode District by Sri. Shamseer. V. K., area of 0.9926 hectares**

**Decision:** The Committee examined the documents submitted by the proponent and found that the Cluster Certificate is old and dated 30.12.2019 and Certified Survey map showing distance to the houses is not legible. Therefore, the Committee decided to direct the proponent to submit a recent Cluster Certificate and upload a legible certified survey map showing distance built structures.

**8. SIA/KL/MIN/138256/2020, 1702/EC4/2020/SEIAA**

**Environmental Clearance for the proposed Granite Building Stone quarry of Sri Muhammed.K.K at Re.Sy.No188/2 in Kodyathur Village, Kozhikode Taluk, Kozhikode District, Kerala for a total mine lease area of 0.9199 Ha**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The distance to the nearest built structure is 240m. The Committee decided to recommend EC with Project life of 5 years subject to the following specific conditions in addition to the general conditions.

- a. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- b. Compensatory afforestation should be done with fruit trees and the geocoordinates of the place with photographs should be provided along with HYCR.
- c. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- d. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- e. Greenbelt development in the buffer zone should commence in the first year itself prior to the commencement of mining and should be nurtured and maintained in the subsequent years.

**9. SIA/KL/MIN/139395/2020, 1703/EC3/2020/SEIAA**

**Granite Building Stone Quarry of M/s. St. Augustine's Granites" over an extent of 3.6352 Ha. (8.9825 Acres) Re-Sy. Block No. 28, Re-Sy. Nos. 101/3, 102/4-2, 102/5, 102/5-1, 102/6, 102/7, 102/8, 179/1, 179/1-1, 179/3-1, 179/3-2, 179/3-3, Ramapuram Village, Meenachil Taluk, Kottayam District, Kerala State, India**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory except the Certified Survey map submitted which is not legible. The committee decided to direct the proponent to submit the same.

**10. SIA/KL/MIN/140559/2020, 1792/EC2/2020/SEIAA**

**Environment Clearance for Silica sand mining in an area of 0.9777ha land in Block No.13, Resy.No. 290 Mararikulam Village, Cherthala Taluk, Alappuzha District, Kerala by Babu V N**

**Decision:** The Committee examined the proposal and found that the Project Proponent has not submitted the document sought as per the 124<sup>th</sup> SEAC meeting. Therefore, the Committee decided to direct the proponent to submit the same.

**11. SIA/KL/MIN/141476/2020, 1660/EC6/2020/SEIAA**

**Environmental Clearance for the Building Stone Quarry of Shri.SiddiqueAparambil over an extent of 0.7018 Ha at Sy.No104/1 of Kuruva Village, Perinthalmanna Taluk, Malappuram District, Kerala**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The distance to the nearest house is more than 200m and crusher unit is 100m. The Committee decided to recommend EC with Project life of 5 years subject to the following specific conditions in addition to the general conditions.

- a. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- b. A protective retaining wall should be constructed around the overburden dump sites as per the affidavit submitted.
- c. Compensatory afforestation should be done during the 1st year itself and the coordinates of the area should be provided along with HYCR.
- d. Fencing should be completed all around. A photograph with geo-coordinates need to be submitted after completion.
- e. The seasonal water flows along the southeast part of the site should be conserved as per the submitted affidavit.
- f. Before starting mining, the columnar rocks should be removed using a rock breaker. Fragmented and jointed outcrop should be removed with utmost care.
- g. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- h. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).

**12. SIA/KL/MIN/146424/2020, 1275/EC1/SEIAA/2019**

**Environmental Clearance for the proposed Granite Building stone quarry project at, Re Sy No 188/608, 188/431, 188/616, 188,621, 188/622, 188/620 in Kodyathur Village, Kozhikode Taluk, Kozhikode District, Kerala by O.A Sebastian**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 56.3 m. The Committee decided to entrust Dr. A.N. Manoharan and Dr. C.C. Harilal for field inspection and report.

**13. SIA/KL/MIN/148582/2020, 1690/EC4/2020/SEIAA**

**Environmental Clearance for the Proposed Laterite Building Stone Quarry of Mr. Gopi at Re-Sy. No- 33/1 of Naduvannur Village, Koyilandy Taluk, Kozhikode District of Kerala for an extent of 0.2429 Ha**

**Decision:** The Committee examined the documents submitted by the proponent and found that there is a building in the adjacent plot, about which no details including distance to it are provided in the report of the Village Officer or by the Project Proponent. Therefore, the Committee decided to direct the proponent to submit a Certified Survey map of the Village Officer showing distance to nearest houses, other buildings and other built structures, if any.

**14. SIA/KL/MIN/148624/2020, 1701/EC4/2020/SEIAA**

**Environmental Clearance for the Proposed Granite (Building Stone) Quarry in Sy. No. 22/2A, 23 of Puthur Village, Thalassery Taluk of Kannur District., Kerala for an extent of 0.6464 Ha**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 120 m. The Committee decided to entrust Dr. R. Ajayakumar Varma and Shri. V. Gopinathan for field inspection and report.

**15. SIA/KL/MIN/149209/2020, 1700/EC4/2020/SEIAA**

**Environmental Clearance for the building stone quarry at ReSurvey No. 74/1Dpt, 74/608pt, Block No. 37 of Kuttur Village, Payyannur Taluk, Kannur District, Kerala for an Area of 1.4336 Ha.**

**Decision:** The Committee examined the documents submitted by the proponent and decided to entrust Dr. K. N. Krishnakumar and Dr. K. Vasudevan Pillai for field inspection and report.

**16. SIA/KL/MIN/151402/2020, 1732/EC3/2020/SEIAA**

**Environment clearance for Granite Building Stone Quarry over an extent of 1.5608 Hectares situated at Sy. No: 219/1, 219/2, 219/3 in Manimala Village, Kanjirappally Taluk, Kottayam District, Kerala State by Mr. Suraj Thomas, Managing Partner, M/s. Seven Stars Granites**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The Certified survey map is of the year 2019 and the distance from the built structure is not mentioned in that. The Committee decided to direct the proponent to submit a recent Certified Survey map showing the distance from the nearest built structures.

**17. SIA/KL/MIN/158114/2020, 1801/EC6/2020/SEIAA**

**Environmental Clearance for Granite Building Stone Quarry project in Re Survey Nos. 82/1-20 in Puzhakkattiri Village, Perinthalmanna Taluk, Malappuram District, Kerala by Sri. Mohammed Shareef**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The Committee decided to entrust Dr. A. V. Raghu and Dr. K. Vasudevan Pillai for field inspection and report.

**18. SIA/KL/MIN/163854/2020 1773/EC1/2020/SEIAA**

**Granite Building Stone quarry of M/s. Delta Aggregates & Sands Pvt. Ltd.  
over an extent of 3.7691 Ha. at Survey. Nos.889/1-15-1 & 889/1-15,  
Perunad Village, Ranni Taluk, Pathanamthitta District, Kerala**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The Committee observed that the project site shares boundary with Harrison Malayalam Plantations. The distance from the nearest built structure is 215m as per the Field Inspection Report. The Committee discussed the field inspection report and decided to recommend EC with Project life of 7 years subject to the following specific conditions in addition to the general conditions.

- a. EC may be issued after obtaining wildlife clearance. Project Proponent has submitted proof of application for wildlife clearance from the NBWL as the distance to Periyar Tiger Reserve (PTR) is only about 6.5 km.
- b. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- c. The entire road stretch should be developed with width not less than 8m prior to the commencement of mining.
- d. The proponent should strictly comply with the traffic plan submitted.
- e. The overburden location should be shifted to the lower level, outside the project boundary and it should be protected with gabion structure.
- f. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain. Additional clarifies should be provided to ensure that no polluted water reached the Kakkattar located about 500m from the project site.
- g. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- h. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- i. The Green belt development in the buffer should commence prior to the commencement of mining in the first year of the project itself by giving preference indigenous plant species and it should be nurtured and maintained in subsequent years.
- j. Compensatory afforestation should be done during the 1st year itself and the coordinates of the area should be provided along with HYCR.

**19. SIA/KL/MIN/164464/2020, 1784/EC3/2020/SEIAA**

**Environmental Clearance for the building stone quarry at Survey No.892/15 of  
Arakuzha Village, Muvattupuzha Taluk, Ernakulam District, Kerala for an  
Area of 0.8990 Ha. By Mr. Jobin C Raju**



**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The Committee decided to entrust Dr. Mahesh Mohan & Dr. K. N. Krishnakumar for field inspection and report.

**20. SIA/KL/MIN/168033/2020, 1822/EC4/2020/SEIAA**

**Environmental Clearance for the Granite Quarry of Mr. C. Mukundan, Survey No. 89/111, 139/114, 107/143, 107/144, 107/145, 139/113, 107/140, 107/141, 107/142, 107/138, 139/111, 139/112 Kolavalloor Village, Thalassery Taluk, Kannur District. The mining area of 0.8977 Ha**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The Committee decided to entrust Dr. R. Ajayakumar Varma and Shri. V. Gopinathan for field inspection and report.

**21. SIA/KL/MIN/169050/2020, 1785/EC3/2020/SEIAA**

**Environmental Clearance for Ordinary Earth Mining Project of Mrs. Anu J Kadavan, over an extent of 0.5685 Ha in Re Sy No-406/2-3-2 of Vazhakulam Village, Kunnathunad Taluk, Ernakulam District, Kerala**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The distance from the nearest built structure is 208m. The Committee decided to recommend EC with Project life of 2 years from the date of permit from the Mining and geology subject to the following specific conditions in addition to the general conditions.

- a. The depth of mining should be limited above the groundwater table.
- b. Benches should be maintained with a height of 2 metres and width of 2 meters.
- c. Planting should be done in the elevated area after excavation.
- d. Appropriate drainage should be maintained from the Project site and surrounding area so as to ensure unhindered overland flow. The drainage channel should be provided with silt traps, siltation ponds and outflow channel which should be desilted periodically to avoid obstruction of overland flow.
- e. Topsoil should be dumped in the laterite quarry in the adjacent plot and re-use it in the excavated area.

**22. SIA/KL/MIN/170197/2022, 1776/EC1/2020/SEIAA**

**Environmental Clearance for the Proposed Granite Building Stone Quarry of Mr. Anish S at Re. Sy. No. 136/pt, 137/pt of Kozhipathy Village, Chittur Taluk, Palakkad District of Kerala**

**Decision:** The Committee examined the documents submitted by the proponent and decided to entrust Dr. K. N. Krishnakumar and Dr. K. Vasudevan Pillai for field inspection and report.

**23. SIA/KL/MIN/170229/2020, 1795/EC1/2020/SEIAA**

**Environmental Clearance for the Proposed Granite (Building Stone) Quarry in Block No: 33, Re-Survey Nos: 369/1/2, 368/4/1, 368/3 in Ongallur-II Village, Pattambi Taluk, Palakkad District, Kerala by Sri. Abdul Gafoor**

**Decision:**The Committee examined the documents submitted by the proponent and decided to entrust Dr.A.V.Raghu and Dr.K.Vasudevan Pillai for field inspection and report.

**24. SIA/KL/MIN/179449/2020, 1814/EC3/2020/SEIAA**

**Environmental Clearance for Ordinary Earth Mining Project of Mr.Mathachan P.J, over an extent of 0.9692 Ha in Re Sy No-440/1-2, 440/12-2, 440/2-2-2-2, 440/2-2-2 of Aikaranadu North Village, Kunnathunad Taluk, Ernakulam District, Kerala**

**Decision:**The committee examined the documents submitted by the proponent and decided to recommend EC for 1 year from the date of receipt of the permit from the M&G Department, subject to the following specific conditions in addition to general conditions.

- a. The drainage along with silt traps and collection tanks should be desilted periodically to avoid obstruction of overland flow. Clarifiers should be provided
- b. The proponent should comply with gazette notification No. 9/2020 dated 04.01.2020.
- c. The proponent should submit a recent demand notice for the end-user before the issuance of EC.
- d. The approach road should be modified to facilitate 2-way traffic.
- e. Maximum extraction to be limited to 10m and 2m X 2m bench should be provided.

**25. SIA/KL/MIN/186383/2020, 1887/EC1/2021/SEIAA**

**Building Stone Quarry of Mr. Pradeep Kumar over an extent of 4.2567 Hectares in Re-Survey Nos. 129/1pt, 131/5pt, 131/6pt & 131/7pt of Pullampara Village, Block No.-22, Nedumangadu Taluk, Thiruvananthapuram District, Kerala**

**Decision:** The Committee examined the documents submitted by the proponent and decided to invite the proponent for presentation.

**26. SIA/KL/MIN/58473/2019 , 1405/EC2/2019/SEIAA**

**Environmental Clearance for the Granite Building Stone Quarry project in Re - Sy. Block No. 37, Re. Sy No. 554/1, 554/5 & 554/6 of Nagaroor Village (Kadavilla), Chirayinkeezh Taluk, Thiruvananthapuram district of Kerala by M/S Adani Vizhinjam Port Pvt.Ltd.(Judgment dated 15.11.2021 in WP(C) 11175/2021 )**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The Proponent made presentation of the salient aspects of the project in an earlier committee. As per the documents the nearest built structure is at a distance of 59.3 The Committee decided to entrust Dr. R. Ajayakumar Varma and Dr. A. Bijukumar for field inspection and report.

**27. SIA/KL/MIN/61070/2019, 1441/EC1/2019/SEIAA**

**Granite Building Stone Quarry of M/S Adani Vizhinjam Port Pvt Ltd (AVPPL) situated in Re-Survey Number 341/6 (pt) at Koodal Village, Konni Taluk, Pathanamthitta District, Kerala for an area of 4.8556 hectares (Judgement dated 15.11.2021 in WP(C) 11199/2021)**

**Decision:**The Committee examined the documents submitted by the proponent and found that the survey map submitted is not authenticated. The Committee decided to entrust Smt. Beena Govindan and Dr.Mahesh Mohan for field inspection and report.

**28. SIA/KL/MIS/52532/2019, 1555/EC1/2019/SEIAA**

**Environmental Clearance for the Expansion of Technopark Phase III in Sy.No 279, 280, 281, 282, 290, 291, 292, 293,294, 295, 296, 297, 338, 339, 343part, 346part, 348,349, 350part,351,352,353,355,358,359,365,366,368,369,370 in Attipra Village, Thiruvananthapuram Taluk, Thiruvananthapuram District**

**Decision:** The Committee examined the documents and found them satisfactory. The Committee decided to entrust Er. M. Dileep Kumar, Dr. A. BijukumarandDr.R. Ajayakumar Varma for field inspection and report.

**PART 5**

**CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE**

**1. SIA/KL/MIN/130005/2019, 1568/EC2/2019/SEIAA**

**Environmental Clearance for the proposed granite building stone quarry (Minor Mineral) project of Mr. Shafir P is situated at Survey No. 374/782, 374/509, 374/510 of Valat Village, Manathavadi Taluk, Wayanad District, and Kerala for an area of 1.5046 hectares**

**Decision:** The Committee examined the documents and found that the project site seems to be located within 10km of the KottiyoorandWayanad Wildlife Sanctuary. The proponent has not submitted the proof of application submitted to NBWLfor obtaining Wildlife Clearance. The committee decided to direct the proponent to submit the same. The proponent should also provide a certified survey map showing distance from the nearest built structure.

**2. SIA/KL/MIN/130112/2019, 1628/EC2/2020/SEIAA**

**Environmental Clearance for Granite Building Stone Quarry of M/s Friends Granites & Crushers at Re-Sy. No109/1,109/2,109/4,109/7,109/8, 109/3/2,110/1, 110/6/1, 110/6/2, 110/7, 110/8/1,110/9,110/10,110/11,110/15,110/16,110/17of Vythiri Village, Thrikkaipetta Taluk, Wayanad District of Kerala for an extent of 4.6308 Ha (FIR Received)**

**Decision:**The committee discussed the proposal and field inspection report in detail and decided to recommend rejection of the proposal due to the following reasons:

- a. The proposed site is located on the eastern side slopes of Manikkunnu Mala, a residual hill of length about 6km and width about 5km. With it's highest peak at 1450m AMSL, it influence the climatic system and weather pattern of the region.
- b. Manikkunnu Mala is a rugged mountainous landscape and an ecologically fragile mountain system, often called 'rock haven' is an "ecological island" surrounded with densely populated human habitations and agriculture land uses.

- c. Manikunnu Mala exhibits the ecological significance of Wayanad, a strategically set landscape in the confluence of three biologically diverse regions - the Western Ghats mountains, the Nilgiri hills and the Deccan plateau. This ecological confluence has made Wayanad as the most significant and ecologically fragile landscape of the Nilgiri Biosphere Reserve.
- d. 'Nalukettum chola', one of the peaks in this mountain strongly influences the hydrological aspects of the region. Several small streams and minor swamps dotted over this mountain supply water for agriculture, mainly rice cultivation in the valley as well as alongside the streams in the faraway locations. It falls in the catchment of Karappara reservoir, about 2.5km from the proposed site.
- e. The foothills are characterized by relatively high population density. The hill is also characterized by the settlements of Paniya tribe who are traditionally the labour force for rice cultivation in the valley of Manikunnu mala.
- f. The forest type here is mainly the west coast sem-evergreen type with a heterogeneous mixture of species that are common in evergreen and moist deciduous forests.
- g. The mountain is a rich repository of flora and fauna as reported with occurrence of many rare, endemic and threatened (RET) species. It is reported that the MSSwaminathan Research Foundation has recorded over 50 RET plant species from here. This mountain is the breeding habit for 167 birds, which include schedule I species of rare raptors such as Jerdon's Baza, Black Eagle and Crested Serpent Eagle. The thermal variations in the rocky surfaces makes conducive for flight of the raptors.
- h. Any activity impacting the landscape and ecology of Manikkunnu Mala is not found very desirable considering its relatively high landslide risk potential and rich biodiversity.
- i. At present, there are three proposals located on the northeastern side of the Manikkunnu mala for mining of building stones under consideration of SEIAA for environmental clearance. All these fall in the immediate catchment of Karappara reservoir. This proposal having an area of 4.6308 Ha alongwith another proposal under considwration for a cluster of 8.5278 Ha. The third proposal is about 1.6km away and three proposal togetherhave a cumulative area of 13.2201 Ha.
- j. The mining, if permitted from this residual hill once, it may continue to attract many more such mining projects to this "rock heaven". This will lead to extensive loss of the land system integrity of this fragile hillock, adversely affecting the climate, hydrology and biodiversity systems of the region and irreversible loss of natural resources. Scientifically, it should not be a priority location for mining considering the ecological significance, landslide susceptibility, contiguity to the Nilgiri Biosphere Reserve, habitations in the foothill etc.
- k. As a UNESCO- World Heritage Site and residual hill in the plateau region influencing the micro-climatic aspects of the region, it cannot be a priority location for mining.

**3. SIA/KL/MIN/130461/2019, 1311/EC1/SEIAA/2017**

**Environmental Clearance for Granite Building Stone Quarry of M/s. Krishnagiri Stone Crusher over an extent of 3.8970 Ha.(9.6290 Acres) at Sy. Nos. 344/4, 399/2, 402/1, 402/4 & 402/5, Muttill South Village, Vythiri Taluk, Wayanad (Complaint Received)(FIR Received)**

**Decision:** The committee examined the documents and discussed the proposal and field inspection report in detail item and decided to recommend rejection of the proposal due to the following reasons:

- a. There is a complaint against issuance of environmental clearance to the quarry quoting inadequate distance to houses and other public facilities as well as ecological impacts. The complaints are substantiated with the report of District Forest Officer, Proceedings of the District Collector and report of the Additional Principal Chief Conservator of Forests and various press reports.
- b. The District Forest Officer, South Wayanad Division vide his report dated 19.11.2014 submitted to the District Collector, Wayanad recommended not to allow quarrying or such other activities in the proposed area due to possible security threat to local population including tribal families, possible destruction of forests and habitats, possibility of biodiversity reduction, soil erosion, landslides, rock slips, damage to natural drainage systems, groundwater depletion, habitat destruction of wildlife, air, water and noise pollution etc.
- c. The District Collector, Wayanad vide his Proceedings No. 1/2014/28027/12 dated 24.12.2016 rejected the application for LE-3 license for the quarry operated in the proposed site based on the report of Dy Collector (LR) and the District Police Chief and site visit conducted by him.
- d. Based on the complaints of the local residents of Mandad Mundupara, the District Forest Officer, South Wayanad Division conducted an enquiry through the Range Forest Officer, Meppadi and requested the District Collector vide letter dated 9.2.2018 to take action against commencement of quarry in the proposed site, reiterating his recommendations of the report dated 19.11.2014.
- e. The Additional Principal Chief Conservator of Forests, North Region, Kozhikkode vide his letter dated 5.11.2018 requested the District Collector, Wayanad to take immediate action to prevent setting up of the proposed quarry in the Mandad-Mundupara quoting threat to the forest wildlife and human habitations.
- f. The proposed site is located on the eastern side slopes of Manikkunnu Mala, a residual hill of length about 6km and width about 5km. With its highest peak at 1450m AMSL, it influence the climatic system and weather pattern of the region.
- g. Manikunnu Mala is a rugged mountainous landscape and an ecologically fragile mountain system, often called 'rock haven' is an "ecological island" surrounded with densely populated human habitations and agriculture land uses.
- h. Manikunnu Mala exhibits the ecological significance of Wayanad, a strategically set landscape in the confluence of three biologically diverse regions - the Western Ghats mountains, the Nilgiri hills and the Deccan plateau. This ecological confluence has made Wayanad as the most significant and ecologically fragile landscape of the Nilgiri Biosphere Reserve.

- i. 'Nalukettum chola', one of the peaks in this mountain strongly influences the hydrological aspects of the region. Several small streams and minor swamps dotted over this mountain supply water for agriculture, mainly rice cultivation in the valley as well as alongside the streams in the faraway locations. It falls in the catchment of Karappara reservoir, about 3km from the proposed site.
- j. The foothills are characterized by relatively high population density. The hill is also characterized by the settlements of Paniya tribe who are traditionally the labour force for rice cultivation in the valley of Manikkunnu mala.
- k. The forest type here is mainly the west coast sem-evergreen type with a heterogeneous mixture of species that are common in evergreen and moist deciduous forests.
- l. The mountain is a rich repository of flora and fauna as reported with occurrence of many rare, endemic and threatened (RET) species. It is reported that the MSSwaminathan Research Foundation has recorded over 50 RET plant species from here. This mountain is the breeding habit for 167 birds, which include schedule I species of rare raptors such as Jerdon's Baza, Black Eagle and Crested Serpent Eagle. The thermal variations in the rocky surfaces makes conducive for flight of the raptors.
- m. Any activity impacting the landscape and ecology of Manikkunnu Mala is not found very desirable considering its relatively high landslide risk potential and rich biodiversity.
- n. At present, there are three proposals located on the northeastern side of the Manikkunnu mala for mining of building stones under consideration of SEIAA for environmental clearance. All these fall in the immediate catchment of Karappara reservoir. This proposal having an area of 3.8970 Ha alongwith another proposal under consideration form a cluster of 8.5278 Ha. The third proposal is about 1.6km away and three proposal together have a cumulative area of 13.2201 Ha.
- o. Any activity impacting the landscape and ecology of Manikkunnu Mala is not found very desirable considering its relatively high landslide risk potential and rich biodiversity.
- p. The mining, if permitted from this residual hill once, it may continue to attract many more such mining projects to this "rock heaven". This will lead to extensive loss of the land system integrity of this fragile hillock, adversely affecting the climate, hydrology and biodiversity systems of the region and irreversible loss of natural resources. Scientifically, it should not be a priority location for mining considering the ecological significance, landslide susceptibility, contiguity to the Nilgiri Biosphere Reserve, habitations in the foothill etc.
- q. As a UNESCO- World Heritage Site and residual hill in the plateau region influencing the micro-climatic aspects of the region, it cannot be a priority location for mining.

**4. SIA/KL/MIN/134791/2020, 1625/EC1/2020/SEIAA**

**Environmental Clearance for the proposed Granite Building Stone Quarry of Raju.k.Thomas over an extent of 2.9824 Hectares in ReSurvey No. 217pt (Govt. Land) at Pallickal Village, Block No.-26 of Varkala Taluk, Thiruvananthapuram**

**District, Kerala (*Field inspection has to decide in the 124<sup>th</sup> SEAC, Members to be nominated*)**

**Decision:** The Committee examined the documents submitted by the proponent and decided to entrust Dr. R. Ajayakumar Varma and Dr. A. Bijukumar for field inspection and report.

**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 3.0000 Hectares by Sri.BinuGeorge(*Field inspection decided-Members to be nominated in the 124<sup>th</sup> SEAC*)**

**Decision:** The committee observed that the proposal was considered in the meetings of previous SEAC during its tenure and decided to defer the item for field verification. On verification it is found that the Parathodu Village in Udumbanchola Taluk belongs to the list of ESA villages and mining is a prohibited activity as per the existing norms. Therefore, the Committee decided to reject the application.

**6. SIA/KL/MIN/140072/2020 , 1631/EC2/2020/SEIAA**

**Environmental Clearance for Building Stone Quarry of M/s. Kalpetta Rocks Private Limited, Granite Building Stone Quarry of M/s. Kalpetta Rocks Private Limited” over an extent of 4.6923 Ha. (11.5946 Acres) in Block No. 29, Re-Sy. Nos. 50/2, 50/3, 50/4, 50/5, 678/67, 678/69, 678/70, 678/74, 678/163, Thrikkaipetta Village, Vythiri Taluk, Wayanad**

**Decision:**The Committee examined the details and discussed the proposal and field inspection report in detail and decided to recommend rejection of the proposal due to the following reasons:

- a. The site is located on the eastern side slopes of Manikkunnu mala, a landslide risk zone with 107m from a medium hazard zone which is in continuation of a high hazard zone at 310m.
- b. Manikkunnu Mala, a residual hill of length about 6km and width about 5km and with it's highest peak at 1450m AMSL, influences the climatic system and weather pattern of the region.
- c. Manikkunnu Mala is a rugged mountainous landscape and an ecologically fragile mountain system, often called 'rock haven' is an "ecological island" surrounded with densely populated human habitations and agriculture land uses.
- d. Manikkunnu Mala exhibits the ecological significance of Wayanad, a strategically set landscape in the confluence of three biologically diverse regions - the Western Ghats mountains, the Nilgiri hills and the Deccan plateau. This ecological confluence has made Wayanad as the most significant and ecologically fragile landscape of the Nilgiri Biosphere Reserve.
- e. 'Nalukettum chola', one of the peaks in this mountain strongly influences the hydrological aspects of the region. Several small streams and minor swamps dotted over this mountain supply water for agriculture, mainly rice cultivation in the valley



as well as alongside the streams in the faraway locations. It falls in the catchment of Karappara reservoir, about 2.5km from the proposed site.

- f. The foothills are characterized by relatively high population density. The hill is also characterized by the settlements of Paniya tribe who are traditionally the labour force for rice cultivation in the valley of Manikunnu mala.
- g. The forest type here is mainly the west coast sem-evergreen type with a heterogeneous mixture of species that are common in evergreen and moist deciduous forests.
- h. The mountain is a rich repository of flora and fauna as reported with occurrence of many rare, endemic and threatened (RET) species. It is reported that the MSSwaminathan Research Foundation recorded over 50 RET plant species from here. This mountain is the breeding habit for 167 birds, which include schedule I species of rare raptors such as Jerdon's Baza, Black Eagle and Crested Serpent Eagle. The thermal variations in the rocky surfaces makes conducive for flight of the raptors.
- i. Any activity impacting the landscape and ecology of Manikkunnu Mala is not found very desirable considering its relatively high landslide risk potential and rich biodiversity.
- j. At present, there are three proposals for mining of granite stones under consideration of SEIAA for environmental clearance. All these are located on Manikkunnu mala and fall in the immediate catchment of Karappara reservoir. This proposal having an area of 4.6923 Ha is located at a distance of 1.6km from the other two and the three proposal combinedly have an area of 13.2201 Ha.
- k. The site is located on a landslide hazard zone (within just 100-350 m range of both high hazard and moderate hazard zones) and a fragile landscape of significant ecological importance. The site also falls on the catchment of Karappara reservoir, located at a distance of about 2.5km.
- l. The mining, if permitted from this residual hill once, it may continue to attract many more such mining projects to this "rock heaven". This will lead to extensive loss of the land system integrity of this fragile hillock, adversely affecting the climate, hydrology and biodiversity systems of the region and irreversible loss of natural resources. Scientifically, it should not be a priority location for mining considering the ecological significance, landslide susceptibility, contiguity to the Nilgiri Biosphere Reserve, habitations in the foothill etc.
- m. As a UNESCO- World Heritage Site and residual hill in the plateau region influencing the micro-climatic aspects of the region, it cannot be priority location for mining.

**7. SIA/KL/MIN/152787/2020, 1716/EC1/2020/SEIAA**

**Environmental Clearance for the building stone quarry project at Re-Sy.No.24/1, 25/4, Block No.50 of Mangalam Dam Village, Alathur Taluk, Palakkad District by Mr M. V. Antoo***(Field inspection has to decide in 124<sup>th</sup> SEAC, Members to be nominated)*



**Decision:** The Committee examined the documents submitted by the proponent and decided to entrust Dr.A.V. Raghu &Dr.K.N.Krishnakumar for field inspection and report.

**8. SIA/KL/MIN/156447/2020 , 1731/EC3/2020/SEIAA**

**Environmental Clearance for the building stone quarry at Survey No.338/1A/20/D&D2 of Keerampara Village, Kothamangalam Taluk, Ernakulam District, Kerala for an Area of 0.9133 Ha. By SHYMON ANTO**

**Decision:**The Committee examined the documents submitted by the proponent and decided to entrust Dr.Mahesh Mohan &Dr.K.N.Krishnakumar for field inspection and report.

**9. SIA/KL/MIN/41970/2019 , 1715/EC1/2020/SEIAA**

**Proposed Building Stone Quarry of Mr. Sakkeer A Environment clearance for the Proposed Granite Building Stone Quarry over an extent of 1.2120 Hectares in Re-Survey No. 222 part (Govt. Land.) at Pazhayakunnummel Village, Block No.-33, Chirayinkeezhu Taluk, Thiruvananthapuram District of Kerala State by Mr. SAKKEER A**

**Decision:**The Committee examined the documents submitted by the proponent and decided to entrust Dr. R. Ajayakumar Varma and Dr.A. Bijukumarfor field inspection and report.

**10. SIA/KL/MIN/61795/2019 , 1894/EC6/2021/SEIAA**

**Environmental Clearance for the Building Stone Quarry project of Mr. Manoj K. at Kannamangalam Village, Thirurangadi Taluk, Malappuram District, Kerala for an area of 0.9524 hectors**

**Decision:** The Committee examined the documents submitted by the proponent and decided to entrust Dr.K.Vasudevan Pillai &Dr.A.V.Raghu for field inspection and report.

**CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL  
CLEARANCE(Extension/Amendment/Corrigendum)**

**1. SIA/KL/MIN/159433/2020 , 2051/A12019/SEIAA**

**Environmental Clearance for removal of ordinary earth at Sy. No. 26/9-1, 26/9-2, 26/9-3 in Pooyapally Village, Kottaraka Taluk, Kollam District, Kerala**

**Decision:** The Committee examined the documents submitted by the proponent and decided to recommend the extension of EC for 6 months from the date of issuance of permit from Mining & Geology. The proponent should follow the specific and general conditions stipulatedas part of the original EC.

**2. SIA/KL/MIN/165541/2020 , 856/SEIAA/EC1/2980/2015**

**Extension of Environmental Clearance for the Granite Building Stone Quarry Project in Re.Sy.No.6/1 in Vettilappara Village, Ernad Taluk, Malappuram District by Sri.Hisham E.C, M/s.Thomarappara Bricks & Metals**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. As per the field inspection report, compliance with EC Conditions is satisfactory. The proponent seeks extension of EC for a period of 5 years. The Committee decided to recommend extension of the validity of EC for a period of 5 years subject to the following specific condition in addition to the general condition.

- a. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- b. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain. An additional clarifier should also be provided.
- c. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- d. The Green belt development in the buffer should be strengthened by giving preference to indigenous plants and it should be nurtured and maintained strictly.
- e. The soil dump should be provided with proper gabion wall to avoid soil erosion.
- f. Compensatory afforestation should be done without further delay and the coordinates of the area should be provided along with HYCR.
- g. The existing and the proposed overburden dumping site should be stabilized with appropriate vegetative measures.

### **CONSIDERATION OF TOR PROPOSALS**

#### **1. SIA/KL/MIN/41954/2019 , 1433/EC1/2019/SEIAA**

**Environmental Clearance for the Granite Building Stone Quarry project in Re Survey Nos. 321/1-1 of Kulukkallur Village, Pattambi Taluk, Palakkad District, Kerala by Sri.MuhammedSaleem.V((EC Proposal in part-1, item No. 15)**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 99.5 m. The Committee discussed the field inspection report and decided to recommend EC with a Project life of 5 years subject to the following specific conditions in addition to the general conditions

- a. Schedule of blasting should not overlap with the blasting time of the adjacent quarry.
- b. The maximum depth of mining should be limited to 40 m above MSL to avoid breaching of the water storage in the quarry pit and also to avoid impact on the nearby wells.
- c. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- d. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.

- e. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- f. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- g. The Green belt development in the buffer should be done in the first year of the project itself by giving preference to local plants and it should be nurtured and maintained in subsequent years.
- h. Compensatory afforestation should be done during the 1st year itself and the coordinates of the area with geotagged photos shall be submitted in HYCR
- i. The proponent should follow the measures in the comprehensive EMP prepared for the proposed and the two nearby abandoned quarries.

**2. SIA/KL/MIN/42932/2019, 1424/EC1/2019/SEIAA**

**Application for Granite Building Stone Quarry of Mr.Sasidharan at Re Survey. No. 240/3,244/11,244/10, 244/9,244/3,244/3-1 in Thekkada Village, Nedumangad Taluk, Thiruvananthapuram District, Kerala (Conversion- ToR to EC) (EC Proposal in Part - 1, item No. 10)**

**Decision:** The Committee verified the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 56 m. The Committee discussed the field inspection report and decided to recommend EC with Project life of 5 years subject to the following specific conditions in addition to the general conditions

- a. Impact of vibration due to blasting on the nearest houses and built structures should be monitored in terms of Peak Particle Velocity and amplitude for maximum charge per delay and included in the Half Yearly Compliance Report.
- b. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- c. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- d. An additional drain should be provided through the center of the Quarry, preferably in between boundary stones No 1 & 2 for drainage of rainwater within the quarry.
- e. The Action Plan for boulder management should be strictly followed for the removal of boulders present at the site.
- f. Protection wall should be provided around the proposed OB dumpsite.
- g. The approach road leading to the quarry should be widened before the commencement of quarrying.
- h. Mining should be limited to the bench proposed from 80 to 75 m, for the protection of groundwater and avoiding water level reduction.
- i. The PP should limit the quarry operation of the final level of bench proposed from 80 to 75 m, for the protection / avoiding reduction of local Groundwater level.

**3. SIA/KL/MIN/44581/2019, 1463/EC2/2019/SEIAA**

**Environmental Clearance to the Granite Building Stone Quarry Project in Survey Nos. 587/1,586 of Painkulam Village, Thalappilly Taluk, Thrissur District by Sri.Ramankutty (Conversion ToR to E.C) (EC Proposal In Part 1, Item No.16) (NGT ORDER REGARDING DISTANCE CRITERIA**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 101.5m. The Committee discussed the field inspection report and decided to recommend EC for a period of 5 years subject to the following specific conditions in addition to the general conditions

- e. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- f. The Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
- g. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- h. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).

**4. SIA/KL/MIN/41118/2019, 1444/EC2/2019/SEIAA**

**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 (EC Proposal in Part 1, Item No.17)**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 72.3 m. The Committee discussed the field inspection report and decided to recommend EC for a period of 5 years subject to the following specific conditions in addition to the general conditions

- a. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain. An additional clarifier should also be provided.
- b. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- c. Blasting should be scheduled such that it will not to overlap with the blasting time of the adjacent quarry.
- d. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- e. Access road is narrow, so medium type vehicle should be used for the transportation of mined material. The proponent should adhere to the plan for traffic management submitted in consultation with the adjacent proposed quarry of Shri Vijayakumar.

The EC should be issued only after producing a consent letter from the landowner of the plot SY NO.53/6 where the proponent plan to stack the overburden.

The proposed site falls within 10 km of the nearest Protected Area. Therefore, the Authority may process the application only after the Proponent produce the proof of the application for clearance from the National Board for Wildlife and EC should be issued only after obtaining wildlife clearance.

**5. SIA/KL/MIN/41944/2019, 1431/EC3/SEIAA/2019**

**Granite Building Stone quarry project at Re. Survey No. 5 of Thimiri Village, Taliparambu Taluk, Kannur District, Kerala for an area of 0.9936 Ha in favor of Mr. Rajeevan P.V**

**Decision:** The Committee examined the documents submitted by the proponent and decided to recommend EC for 5 years the subject to the following specific conditions in addition to the general conditions.

- a. Retaining wall should be provided for the dumping site to a height of about 2m.
- b. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- c. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- d. The transportation of mined material should be prevented during the peak hours in the forenoon and afternoon.
- e. Sprinkling of water should be done on the unsurfaced road prior to each movement of truck.
- f. The green-belt development should initiate before the commencement of quarry operations. This needs to be done first with fast-growing local tree species and later on with trees of multiple values traditionally preferred in the locality.
- g. The mining will lead to the development of a quarry pond of depth 10m, which should be safeguarded with barbed wire fencing and gate.

**6. SIA/KL/MIN/34282/2019, 1324/EC2/2019/SEIAA**

**Granite Building Stone Quarry of Smt. E.M. Pathumbi (Conversion-ToR-EC) at Re Survey.No: 325/1,327/5, (Block No-04) in Pallasena Village, Chittur Taluk, Palakkad District, Kerala (EC Proposal in Part-1, item No. 12)**

**Decision:** The Committee verified the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 76 m. The Committee discussed the field inspection report and decided to recommend EC with Project life of 2 years subject to the following specific conditions in addition to the general conditions

- a. The Overburden dumping site should be shifted to the southwest part of the project area.
- b. Green belt development in the buffer should be done in the first year of the project itself by giving preference to indigenous plants and it should be nurtured and

maintained in the subsequent year.

- c. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- d. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).

**7. SIA/KL/MIN/57329/2020 , 1947/EC6/2022/SEIAA**

**Application for ToR for the Granite Building Stone Quarry Project in Re.Sy.No.66 in Thrikkur village, Mukundapuram Taluk, Thrissur District for an area of 0.9447 Ha by Sri.SajeevKumar.E, M/s.Thrikkur Granites**

**Decision:** The Committee examined the documents submitted for the approval of TOR and decide to approve standard TOR with the following additional aspects for study:

- 1. Cumulative impact of the adjoining working quarry.
- 2. All abandoned quarry pits adjacent to the project area.

**8. SIA/KL/MIN/35208/2019 , 1346/EC2/2019/SEIAA**

**Application for Environmental Clearance for the Granite Building Stone Quarry of Mr. Shabeerali in Sy.No.383/1, 385 in Panthalloor Village, Ernad Taluk, Malappuram District for an area of 1.8112 Ha (EC Proposal in Part 1, Item No.11)**

**Decision:** The Committee verified the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 101.5 m. The Committee discussed the field inspection report and decided to recommend EC for Project life of 10 years subject to the following specific conditions in addition to the general conditions

- a. Compensatory afforestation should be done with fruit trees and it should commence prior to the commencement of mining. The geocoordinates of the afforested place with photographs should be provided along with HYCR.
- b. Maximum buffer should be maintained between the abandoned quarry & nearby BP4.
- c. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- d. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- e. Retaining wall should be provided for the dumping site to a height of about 2m.
- f. The transportation of mined material should be prevented during the peak hours in the forenoon and afternoon.
- g. Sprinkling of water should be done on the unsurfaced road prior to the movement of each truck.
- h. The green-belt development should be initiated prior to the commencement of quarry operations.
- i. The CER proposed should be implemented during the first two years and maintained during the remaining project period.

**9. SIA/KL/MIN/40579/2019, 1442/EC2/2019/SEIAA**

**Environmental Clearance for the proposed Granite Building Stone Quarry of Mr. P.R. Vijayakumar, at Re Survey No. 53/2 in Venganellur Village, Thalappilly Taluk, Thrissur District, Kerala for an extent of 0.9907 Ha (EC Proposal in Part 1, Item No.13)**

**Decision:** The Committee examined the documents submitted by the proponent and found them satisfactory. The nearest built structure is at a distance of 110 m. The Committee discussed the field inspection report and decided to recommend EC with a Project life of 5 years subject to the following specific conditions in addition to the general conditions

- a. Measures incorporated in the CER should be implemented in total during the first two years and it should be operated and maintained during the subsequent years till the mine closure plan is implemented in total.
- b. The Green belt development in the buffer should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.
- c. Compensatory afforestation should be done with indigenous fruit trees and the geocoordinates of the place with photographs should be provided along with HYCR.
- d. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain.
- e. The garland drain along with silt traps, siltation ponds and outflow channel should be desilted periodically to avoid obstruction of overland flow and geotagged photo of the same should be uploaded in the Half Yearly Compliance Report (HYCR).
- f. The blasting shall be started only after removing the jointed rock blocks at the surface by using breakers, the jointed rocks must be split before removing.
- g. The overburden should be stacked in survey No.53/6 as proposed.
- h. The width of the access road should be enhanced as per the affidavit submitted. The proponent should adhere to the plan for traffic management submitted in consultation with the adjacent proposed quarry of Shri. Joseph.
- i. The proponent should follow the schedule of blasting to not to overlap with the blasting time of the adjacent quarry.

Since the proposed site is within 10 km of the nearest Protected Area, the proposal may be processed only after the submission of proof regarding the application submitted to the National Board of wildlife and EC should be issued only after receiving the wildlife clearance.

**10. SIA/KL/MIN/62346/2021, 1905/EC4/2021/SEIAA**

**Application for ToR (Terms of References) for the Granite Building Stone Quarry project at Block No.65, Sy.No.1 M/s Ceekey Sons Crushers in Udayagiri Village, Taliparamba Taluk, Kannur District, Kerala.**

**Decision:** The Committee examined the documents submitted for the approval of TOR and decide to approve standard TOR with following additional aspect for the study.

1. The land stability study of the proposed area is to be included in the EIA report.

**11. SIA/KL/MIN/36523/2019, 1389/EC2/2019/SEIAA**

**Terms of Reference (TOR) for EIA of the mining lease in respect of “Building Stone Quarry of Mr. Sibish Augustine”, over an extent of 1.0854 Ha. At Survey Nos. 264/1, 295/6, 296/3, 296/4, 296/5, 297/1 in Vayakkara Village, Payyannur Taluk, Kannur District, Kerala- ToR to EC -EC Proposal recommended**

**Decision:**The Committee examined the proposal submitted by the proponent and found that the proposal was recommended for EC in the 126<sup>th</sup> meeting of SEAC. Hence the Committee decided to adhere to its former decision.

**ANY OTHER ITEM**

**Quarry project in Survey No. 8/9, in Alakkod Village, Thodupuzha Taluk, Idukki District, Kerala by Mr. U.I. John, Managing Partner, M/s Marthoma Granites (File No. 1413(A)/EC1/2019/SEIAA.**

The Committee decided to consider the item as additional agenda as per the request of the proponent dated 26.04.2022. The Committee examined the revised remediation plan and natural and community resource augmentation plan submitted by M/s Marthoma Granites, dated 17.9.2021, and agreed to the plan at a cost of Rs. 31.68 lakh for remediation activities and Rs. 41.02 lakh for natural and community resource augmentation; this works out to be 18.45% of the total project cost. The Committee decided to recommend further action by SEIAA as per the existing norms.

**The Committee decided to convene the next SEAC meeting on 23<sup>rd</sup> – 24<sup>th</sup> May 2022.**

**The meeting ended at 5.30PM on 30.04.2022.**

Sd/  
Suneel Pamidi, IFS  
Secretary, SEAC

Sd/  
Dr. Ajayakumar Varma  
Chairman, SEAC



<b>Sl. No.</b>	<b>Name</b>	<b>28.04.2022</b>	<b>29.04.2022</b>	<b>30.04.2022</b>
1.	Shri. Sheikh Hyder Hussain	✓	✓	✓
2.	Dr.A Bijukumar.	✓	X	✓
3.	Dr. A.N. Manoharan	✓	✓	✓
4.	Shri M. Dileepkumar	✓	✓	✓
5.	Smt Beena Govindan	X	X	X
6.	Dr.C.C.Harilal	✓	✓	✓
7.	Dr.K.Vasudevan Pillai	X	X	X
8.	Dr. Mahesh Mohan	✓	✓	✓
9.	Dr.K.N.Krishnakumar	✓	✓	✓
10.	V.Gopinathan	✓	✓	✓
11.	Dr.A.V.Raghu	✓	✓	✓
12.	Dr.N.Ajithkumar	✓	✓	✓
13.	Shri Suneel Pamidi IFS (Secretary)	✓	✓	✓
14.	Dr. R. Ajayakumar Varma (Chairman)	✓	✓	✓