

**MINUTES OF THE 118th MEETING OF THE STATE LEVEL
ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)
KERALA, HELD ON 30th SEPTEMBER & 01st OCTOBER 2022
THROUGH VIDEO CONFERENCING**

Present:

- 1. Dr. H. Nagesh Prabhu IFS (Retd), Chairman, SEIAA, Kerala**
- 2. Sri. K. Krishna Panicker, Member, SEIAA**
- 3. Dr. V. Venu IAS, Member Secretary, SEIAA**

The 118th meeting of the SEIAA, Kerala was held on 30th September & 01st October 2022. The meeting started at 10.00 AM on 30th September 2022. Dr. H. Nagesh Prabhu, Chairman, SEIAA Kerala chaired the meeting. Dr. Venu V. IAS, Member Secretary, SEIAA and Sri. K. Krishna Panicker, Expert Member, SEIAA attended the meeting. The Authority considered the agenda for the 118th meeting and took the following decisions:

Physical Files

<u>Item No.118.01</u>	Minutes of the 117th meeting of SEIAA held on 30th & 31st August 2022
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Noted

<u>Item No.118.02</u>	Action Taken Report on 116th meeting of SEIAA
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Noted

Item No.118.03

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

The Authority perused the item and noted the decisions of various SEAC meetings, the field inspection report of the Sub-Committee and the CCR received from RO, MoEF& CC, Bangalore. The SEAC in its 131st meeting has recommended the revalidation of EC with the project life of 6 years from the date of original EC i.e., 21.04.2017 subject to certain additional specific conditions in addition to the specific conditions in the original EC.

The Authority decided to revalidate the Environmental Clearance for the project life of 6 years from the date of original EC (21.04.2017). The revalidation of EC is subject to the Terms and Conditions in the original EC in addition to the General Conditions and the following Additional Specific Conditions.

- 1. Measures incorporated in the CER should be implemented in total and it should be operated and maintained till the Mine Closure Plan is implemented in total.*
- 2. Green belt development in the buffer should be strengthened and nurtured.*
- 3. The garland canal, silt traps, siltation pond and outflow channel should be desilted periodically and geotagged photograph should be incorporated in the Half Yearly Compliance Report(HYCR).*

Item No.118.04

**Environmental Clearance issued for the Quarry Project of M/s Metarock Pvt. Ltd in Sy.No.339/5, 339/6, 339/7, 339/7-2, 339/7-3, 339/7-4, 339/7-5, 339/7-6, 339/7-7, 339/14, 339/15, 339/16, 339/17, 339/18, 339/19, 339/20, 339/24, 339/25, 339/26, 340/9, 340/10, 340/11, 340/20, 340/20-1, 341/4, 341/5, 341/6, 341/7, 341/9-1, 341/9-2, 341/9-3, 341/9-4, 341/9-5, 341/10, 341/11, 341/12, 341/13, 342/2, 342/3, 343/9, 345/1, 345/1-3, 345/1-2, 345/1-16, 345/1-22, 345/1-6-1, 355/26, 341/2-1, 341/2-2 & 342/4 in Aruvikkara Village and Panchayat, Nedumangad Taluk, Thiruvananthapuram, Kerala - Judgment dated 03.08.2021 in WP(C) No.15172/2021 - Revalidation of EC.
(File No. 235/SEIAA/KL/851/2013)**

The Authority perused the item and noted the decisions of various SEAC meetings and the field inspection report of the Sub-Committee. The Authority noticed that the proponent has submitted survey sketch for an area of 7.1148 Ha along with the request of a personal hearing. The Authority discussed the item and decided to give an opportunity to the Proponent for a hearing in the next SEIAA meeting. Intimation regarding the same may be given to the Proponent well in advance.

Item No: 118.05 **Environmental Clearance issued to the Commercial Complex (Hotel, Convention Centre & Shopping Mall) project, M/s LULU International Shopping Mall Pvt. Ltd., Thiruvananthapuram - Clarification sought regarding CER/CSR commitments (File No. 1047/EC1/899/SEIAA/2016)**

The Authority perused the agenda item and following decisions are taken:

1. The Project proponent and KWIL are requested to follow the guideline already fixed as per Agenda item 115/05 of SEIAA meeting held on 30th June 2022 for utilizing the Rs 60 Lakhs already released to KWIL as a part of CER activity
2. Though Authority has requested MD KWIL to submit the detailed proposals for the utilization of entire CER amount of Rs 6.1389 Crores for the activities indicated, so far no proposal has been received and Authority decided not to pursue the proposal further as the CER activities are to be implemented on priority.
3. Authority noted that Project Proponent has submitted certain proposals of Thiruvananthapuram Corporation and some other government agencies for implementation of CER activities. The proposals of Corporation of Thiruvananthapuram are quite sketchy and not supported by clear Physical and Financial targets and implementation schedule. Authority decided to inform the Project Proponent to submit the proposals of Thiruvananthapuram Corporation complete in all respect, in consultation with Thiruvananthapuram Corporation, within 3 weeks. Proponent has to ensure that proposed projects are in conformity with the guidelines issued by the MoE F & CC in this regard as per OM dated 1st May 2018.

4. Immediately after the receipt of the proposals complete in all respect as stated above, the proposals may be placed before SEAC for scrutiny and approval and onward submission of the same to SEIAA for approval.

Item No.118.06 **Environmental Clearance issued to M/s Kunjikuzhi Stones for the Granite Building Stone Quarry in Block No.29, Survey Nos. 246/2, 135/5- 2, 139/1, 139/2, 139/5, Manickal Village, Nedumangad Taluk, Thiruvananthapuram, Kerala (SIA/KL/MIN/134293/2019; 1583/EC1/2019/SEIAA)**

The Authority perused the request of M/s. Adani Vizhinjam Port Pvt. Ltd. and decided to inform M/s. Adani Vizhinjam Port Pvt. Ltd that SEIAA has no role on the matter specified in the letter and the said agreement for the supply of mined out material was solely between the Proponent of M/s. Kanjikuzhi Stones and M/s. Adani Vizhinjam Port Pvt. Ltd. Hence M/s. Adani Vizhinjam Port Pvt. Ltd may approach Govt. of Kerala and/or the Department of Mining and Geology in this regard.

Item No.118.07 **Application for EC for the Granite Building Stone Quarry of M/s. Delta Aggregates & Sands Pvt. Ltd. for an extent of 3.7691 Ha. in Sy Nos. 889/1-15-1 & 889/1-15, Perunad Village, Ranni Taluk, Pathanamthitta, Kerala (SIA/KL/MIN/163854/2020; 1773/EC1/2020/SEIAA)**

The Authority noted that, considering the Letter of RDO, Thiruvalla, dt. 27.04.2022, the SEAC in its 131st meeting added two more additional conditions and the same was incorporated in the EC issued on 24.09.2022.

Item No.118.08 **Common judgment dated 11.12.2019 in WP (C) No.5589/2019, WP (C) No. 9656/19 and WP (C) No. 25439/2019 filed by Sri. Unnikrishnan K. P and the President, Vaniyamkulam Grama Panchayat against M/s JMC Granites, Palakkad - Constitution of Joint Committee for monitoring the status of compliance (File No.4429/A2/2019/SEIAA)**

The Authority perused the item and noted the decisions of various SEAC/SEIAA meeting. The Authority observed that in the 131st SEAC meeting held on 05th, 06th, 19th & 20th August 2022, the Committee requested SEIAA to form a Joint Committee consisting of the following members:

1. A representative of the Mining & Geology Department, Govt. of Kerala, preferably from the District Office, Palakkad
2. A representative from the Kerala State Pollution Control Board, preferably from the District Office, Palakkad
3. A representative from Office of the Director of Mine Safety, 4th Floor, No.5, 14th Main, 100 feet road, Koramangala Bangalore Karnataka 560 034
4. A representative from the SEAC.

The Committee nominated Dr. K. Vasudevan Pillai as the member from SEAC to the Joint Committee who will coordinate the joint inspection on behalf of SEIAA to verify the status of compliance and take a collective decision on the further operation of the quarry. The Joint Committee shall also verify all the aspects raised in the hearing notes received from the complainants, the President of Vaniyamkulam Grama Panchayat and Sri. K. P. Unnikrishnan during the field inspection.

The Authority agreed to the decision of 131st SEAC and constituted a Joint Committee as suggested by SEAC to verify the status of compliance and take a collective decision on the further operation of the quarry. SEAC shall fix a date for field inspection and intimate the same to respective department/agency/Project proponent/complainant involved sufficiently in advance. SEAC representative shall carry copies of relevant High Court orders, hearing notes and other relevant documents to facilitate the field inspection. The decision of the committee shall be recorded and signed by all.

Item No.118.09

**Granite Building Stone Quarry of M/s Friends Granites & Crushers for an extent of 4.6308 Ha in Re-Sy. Nos. 109/1, 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, 110/17 of Vythiri Village, Thrikkaipetta Taluk, Wayanad, Kerala
(SIA/KL/MIN/130112/2019; 1628/EC2/2020/SEIAA)**

The Authority perused the item and observed that the proposal was rejected in the 114th SEIAA meeting held on 25th & 26th May & 01st June 2022. The rejection order was issued on 14.07.2022. On the request of the proponent on 16.07.2022, the 117th SEIAA meeting held on 30th August 2022, Authority heard the proponent and directed to submit the hearing note. The Authority verified the hearing note submitted by the proponent on 12.09.2022, and found that there are no substantial reasons to reconsider the decision of 117th SEIAA. Hence the Authority decided to adhere to its earlier decision to reject the proposal for the same reasons and intimate the same to Project Proponent.

Item No.118.10 **Granite Building Stone Quarry of M/s. Kalpetta Rocks Private Limited for an area 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, Kerala. (SIA/KL/MIN/140072/2020; 1631/EC2/2020/SEIAA)**

The Authority perused the item and observed that the proposal was rejected in the 114th SEIAA meeting held on 25th & 26th May & 01st June 2022. The rejection order was issued on 14.07.2022. On the request of the proponent on 22.07.2022, the 117th SEIAA meeting held on 30th August 2022 Authority heard the Project Proponent and directed to submit the hearing note. The Authority verified the hearing note submitted by the proponent on 05.09.2022, and found that there are no substantial reasons to reconsider the decision of 117th SEIAA. Hence the Authority decided to adhere to its earlier decision to reject the proposal for the same reasons.

Item No.118.11 **Environmental Clearance for Granite Building Stone Quarry of Sri. Sinil V. Mathew, M/s Excel Granites in Sy. Nos. 13/2, 13pt, 11/3-1, 11/3, 11/1, 11/1-1-1-1, 11/1-1-1, 11/1-1, 11/2, 12/2-11, 12/2, 12/1 and 11/1-1-1-2 Edakunnam Village, Parathodu Panchayat, Kanjirapally Taluk, Kottayam District. (File No. 150/SEIAA/KL/2973/2014)**

The Authority perused the item and noted the request of the proponent to revalidate the EC up to 05.12.2027 and the letter from the Geologist dated 27.08.2022 regarding the non-functioning of the quarry after the expiry of the permit of the quarry i.e. from 04.12.2019. The Authority observed that as per the judgment in WP(C) no.3814/2021, the EC was revalidated for a period of 10 years from the date of issuance of original EC i.e. 05.12.2014.

The revalidation order was issued on 02.06.2022, which is on the basis of the life of mine as per the approved Mining Plan. Since the revalidation of EC has already been sanctioned and there is no change in the life of mine/ Mine Plan, the request of the proponent to revalidate the EC up to 05.12.2027 can not be considered. If there is considerable mineable resource at time of expiry of EC, the proponent may apply for extension of EC as per existing norms.

Item No.118.12 **Judgment in NGT Original Application No. 88 of 2017 (SZ) dated 26th October, 2021 filed by Sri. George Isaac, against the quarrying operations of M/s Slab Aggregates, owned by Sri. Joseph John – Revalidation of EC.**
(File No: 519/SEIAA/EC3/3823/14)

The Authority perused the item and observed that in the Judgment of NGT in Original Application No. 88 of 2017 (SZ) dated 26-10-2021 received on 01-11-2021, directed that “the Authority to ascertain as to whether any violation of conditions imposed or recommendations made by the Expert Appraisal Committee (EAC) which were accepted by the SEIAA, Kerala have been complied with or not and if so they are directed to take appropriate action against the project proponent for violation (if any) committed in accordance with law and submit a report in this regard to this tribunal within a period of six Months”. The 113th SEIAA perused the judgement and directed SEAC to conduct field inspection and also to file an extension petition before the Hon’ble NGT. Meanwhile, the proponent submitted documents for the revalidation of EC on 28.06.2022.

SEAC conducted the field inspection on 15.07.2022 and submitted the report regarding the compliance status of the EC conditions. As per the report it is observed that all the 8 specific conditions and 31 out of 61 general conditions have been complied with. The PP reported compliance to 13 other general conditions which could not be verified as the quarry is not active now. Two general conditions are partially complied with and the PP is

aware about the compliance requirement of 13 general conditions. In general, the compliance to EC conditions could be considered satisfactory. The Buffer Zone is not maintained with a width of 7.5m uniformly which need correction. The bench height and width in the abandoned portion of the mine is not maintained as per regulation which also need to be attended while doing the mine closure which should be done with immediate effect. The PP has also obtained satisfactory Certified Compliance Report from the Integrated Regional Office of MoEF & CC, Bangalore. In this circumstance, the Authority decided the following:

- 1) The field inspection report of SEAC regarding the compliance status of the EC shall be submitted to the Hon'ble NGT as directed in the OA No88/2017 (SZ) dated.26.10.2021.
- 2) The satisfactory CCR received from the Integrated Regional Office, MoEF &CC Bangalore for the project shall also be annexed with the report.
- 3) The SEAC shall consider the request of the proponent to revalidate the EC subject to fulfillment of other directions of NGT to Director of Mining and Geology and Kerala State Pollution Control Board.

Item No.118.13 **Revision of Remedial Plan- Environmental Clearance proceedings No. 28/2020 dated 27-02-2020 M/s Adlux Medicity & Convention Centre Pvt. Ltd**
(File No. 1186/A2/2018/SEIAA)

The Authority perused the item and noted the contents of request letters received from Proponent on different dates and the hearing note. The Authority also noted the decisions and follow up actions taken in the 107th, 109th, 111th, 112th and 113th SEIAA meetings and 120th meeting of SEAC. The Authority observed that EC was accorded for the project on the condition to spend Rs. 5.51 Crore as Remediation Plan and Natural & Community Resource Augmentation Plan.

The Project Proponent requested that due to the financial crises occurred due to Covid pandemic, the cost of Remediation Plan and Natural & Community Resource Augmentation may be revised to 351.1 Lakh from the initial cost of 551.1 by deleting certain items having no direct impact on the environment in the immediate vicinity of the project region.

Further the Proponent has also requested for relaxation on the ground that they have handed over their prime hospital premises to the District Administration, Ernakulam on 03.06.2020 at free of cost and the facilities were used as FLTC, SLTC and to treat the large no Covid patients till 20.11.2021 at a crucial point of time. As per GOI circular no10/2020 dated 23.03.2020 of Ministry of corporate affairs spending of CSR funds for COVID- 19 is a eligible CSR activity.

The Authority considered request of the project proponent to down size the remediation plan and natural and community resource augmentation plan for their support to the district administration in managing the Covid pandemic in the state at a crucial point of time. In future also Govt may require their assistance for handling such unforeseen medical emergency situations. Under the circumstances, Authority decided to delete the following sub projects from the approved remediation plan and natural and community resource augmentation plan

- 1) Setting up of Oxygen Parks Rs 64 Lakhs
- 2) Renovation of PHC's Rs 90 Lakhs
- 3) Restoration of 5 public ponds Rs 25 Lakhs

Considering these changes, the revised remediation plan and natural and community resource augmentation plan will stand revised as 372.1 lakh. There will be no change in other components of already approved remediation plan and natural and community resource augmentation plan. As decided by Authority SEAC may approve the revised remediation plan and natural and community resource augmentation plan for Rs 372.1 lakh. as a special case and communicate the same to Project Proponent. The project proponent is directed to implement the revised remediation plan and natural and community resource augmentation plan without further delay after getting approval from SEAC.

Item No.118.14 **Complaint received from RQP Sri. Reghunadh K., against the misuse of his RQP Certificate and Signature**
(File No: 2230/EC3/2022/SEIAA)

The Authority perused the item and noted the complaint received from the RQP, Sri. Raghunath K. (DMG/Kerala/ RQP/18/2018) and viewed it seriously. The Authority decided to constitute a Committee to investigate into the matter with the following members.

- 1) Sri. K. Krishna Panicker, Expert Member, SEIAA (Chairman)

- 2) Sri. Anil P. Antony, Administrator, SEIAA (Member)
- 3) Smt. R.S. Rani, Legal Officer, SEIAA (Member)

The Committee shall hear the project proponents of the proposals in question and the RQP and place the factual report with recommendations in the SEIAA meeting proposed to be held in November after verifying all the documents/hearing notes. The further decisions in this shall be taken after getting the report and recommendations.

Item No.118.15 **Environmental Clearance for the Granite Building Stone Quarry Project in Sy No. 1618 (Not final) at Koodaranji Village, Koodaranji Panchayth, Thamarassery Taluk, Kozhikode District - (Judgment in WP (C) No.9574/2021 filed by Sri. Abdul Muneer C., M/s Indo Black Stone – Revalidation of EC. (File No.862/SEIAA/EC4/2991/2015)**

The Authority perused the item and observed that the 129th SEAC meeting held on 08th to 10th June 2022, after field inspection recommended to reject the revalidation proposal due to certain reasons including the non-compliance of EC conditions. The Authority in its 116th SEIAA meeting, after considering the representation of the proponent dated 02.07.2022 to reconsider the application, after giving him an opportunity for hearing, in the 117th SEIAA heard the proponent and gave him an opportunity of submitting a detailed hearing note.

The proponent has submitted the hearing note on 05.09.2022 along with satisfactory CCR from Integrated Regional Office, MoEF&CC Bangalore. Under the circumstances, the Authority decided to refer back the proposal SEAC for reappraisal of compliance with the EC conditions.

Item No.118.16 **Environmental Clearance for the Quarry Project in Re-Sy No.172 (pt) at Kodyathur Village, Kodyathur Panchayth, Kozhikode Taluk, Kozhikode District - Judgment in WP (C) No. 3510/2021 filed by Sri. P. M. Aboobacker, Palakkal Granites - Revalidation of EC.**

(File No.1054/EC4/2021/SEIAA)

The Authority perused the item and found that there is an adjacent quarry of the Proponent for an area of 5.8680 Ha for which EC was issued by vide 137/KL/2567/2013 dated 16-01-2016, which is under consideration for revalidation.

The Director of Mines Safety, Bangalore Region vide their letter no 513521/SZ/Bengaluru Region/Perm Exemp/2020/6632 dated 02/10/2020 has permitted to change the mine boundary by amalgamating the areas. The Authority in its 116th meeting directed the proponent to submit the joint Mining Plan after amalgamating the area and apply with a fresh application for revalidation as a single EC, since after amalgamation of two mining sites, there shall be sizeable changes in the buffer zones and the mineable reserves and the revalidation of EC of a single quarry is not proper.

The Proponent submitted a representation dated 16.08.2022, stating that since a LoI for the extension project has already been accorded and hence another LoI from the Directorate of Mining & Geology for the precise area is not feasible by virtue of rules framed on issuance of LoI. The Earlier decision of Authority was based on the fact that as of now there is only one quarry amalgamating two quarries of 5.868Ha and 2.28 Ha respectively. Issuance of a new LoI is not a reason to revise authority's earlier decision. Authority decided to adhere to its earlier decision in the 116th meeting and inform the same to Project Proponent for necessary further action.

Item No.118.17 **Environmental Clearance issued to the Quarry Project in Sy Nos. 42/2 pt, 42/3 pt & 43/4 pt at Oorakam Village and Panchayat, Thirurangadi Taluk, Malappuram District – Request to change the ownership of EC**
(File No.874/SEIAA/EC1/3105/2014) reg :-

The Authority perused the item and observed that as per the Judgment in WP(C) No. 22257 of 2022, the Authority in its 117th meeting heard the petitioner Sri. K. S. Paulose and respondent's No. 2 Sri. Basil Paul and other respondents from 3 to 12. The Authority verified the hearing note submitted by the Petitioner and Respondents. Authority noted the submission of Shri Basil Paul that he has not submitted any application for transfer of EC

and Sri. K. S. Paulose states that he has requested for only change of occupier status. In effect there is no application for the transfer EC before the Authority.

Authority decided to inform Sri. K. S. Paulose that the change of occupier status is the internal matter of company and it does not come under the purview of SEIAA and this decision of SEIAA is subject to further orders from the Hon'ble Court of Kerala as stated in the interim order dated 25.8.2022 in WP (C) No 22257. Authority decided to inform the decision of SEIAA to both Sri. Basil Paul and Sri. K. S. Paulose.

The Authority also noted that in the Judgement dated 19.07.2021 in WP(C) No. 14103 of 2021, the H'ble High Court of Kerala has directed the SEIAA to estimate the life of Project for revalidation and hence Authority decided to inform M/s. Popular Sands Pvt. Ltd to submit all the relevant documents for the revalidation of EC, if required.

Item No.118.18 **Environmental Clearance for the Quarry Project of Sri. Abdul Azeez, Managing Director, M/s Manjeri Bricks and Metals Pvt. Ltd. in Block No. 45, Sy.Nos. 276/2, 281/2 at Anakayam Village, Anakayam Panchayath and Sy. No. 244 at Manjeri Village, Manjeri Municipality, Ernadu Taluk, Malappuram District– Request to recall the Rejection Order and to reconsider the proposal for revalidation of EC - reg (File No.537/SEIAA/EC/3880/2014)**

The Authority perused the item with decisions in various SEAC/SEIAA meetings and noted that SEIAA in its 114th meeting, heard the proponent. The Authority noted that the earlier EC issued vide No. 537/SEIAA/EC1/3880/2015 dt. 11.02.2016 was for an area of 2.8549 Ha comprised in Anakkayam and Manjeri Villages. Now the Proponent choose to obtain quarrying lease to an extent of 1.550 ha of land, which falls within the Manjeri Village, whereas the original area was only 1.05 Ha out of the total extent of the earlier EC of 2.8549 Ha.

After verifying the hearing note in the 115th SEIAA meeting, the Authority was of the opinion that the decisions taken in 124th meeting of SEAC and the decision of 112th SEIAA meeting based on the recommendation of SEAC are correct and hence the revalidation of EC can't be considered for the project and the Project Proponent has to submit fresh application for EC. However Project Proponent is given one more opportunity of presenting his case

before SEAC with all relevant documents in support of his claim for revalidation of his proposal.

In the 131st meeting of SEAC held on 05th, 06th, 19th & 20th August 2022, the Committee heard the presentation by the Proponent, Mr. Abdul Azeez and the Consultant, M/s Environmental Engineers & Consultants Pvt. Ltd. The Committee observed that the EC issued on 11.2.2016 was for an area of 2.1311 Ha (Sy No. 276/2, 281/2) in Anakkayam Village and that in Manjeri Village was for 0.7238 Ha (Sy No. 244) based on the Mining Plan approved on 13.8.2014.

However, the order dated 22.9.2015 indicated that the lease area sanctioned in Anakkayam Village was 2.0603 Ha (Sy No. 276/2, 281/2) and the order dated 4/11/2015 indicated that the lease area sanctioned in Manjeri Village was 1.0550 Ha (Sy No 116/16). Therefore, there is discrepancy in the area and survey numbers for which EC was issued, lease sanctioned and clarification of EC area submitted by the Proponent.

The Authority observed that even though the SEAC observed the discrepancy in the area and survey numbers for which the EC was issued and lease sanctioned, the SEAC has forwarded the application without any specific recommendation. In this circumstance, the Authority decided to refer back the proposal to SEAC for specific recommendation.

Item No.118.19 **Environmental Clearance for the quarry project of Sri. Mathew M. Pathrose, Managing Partner, M/s. Blue Mountain Granites in Sy. No. 1982 at Vellikulangara Village, Mattathur Panchayath, Chalakkudy Taluk, Thrissur District – Judgment dated 04.12.20 in WP(C) No.25534 of 2020 - Revalidation of EC (File No. 626/SEIAA/EC1/4809/2014)**

The Authority verified the item and observed that the Sub Committee of SEAC conducted field inspection on 16.05.2022. The 131st meeting of SEAC held on 05th, 06th, 19th & 20th August 2022 verified the field inspection report and the Satisfactory Certified Compliance Report from the IRO, MoEF & CC, Bangalore dated 31-12-2021. The Committee observed that:

1. A crusher unit is functioning near the quarry site on the south-eastern side and the feeding point is at 15 m distance from the Boundary Pillar No.3.

2. The project life can be estimated as 10 years from the date of original EC, i.e., 5.2.2016, considering the depth to water table, environmental deterioration due to old quarry pit etc
3. There is no green belt along the buffer zone as the buffer is encroached for road.
4. The EC condition no.9, “Considering the proximity to forest land, a buffer distance of 100m shall be maintained from the boundary of the land possessed by the proponent. If it is not maintained always, the EC shall be liable to be withdrawn”. Based on the field inspection report, the buffer distance provided to Reserve Forest boundary is only 51 to 58m.
5. The proponent explained that the SEIAA in its 87th meeting (14-01-2019) reduced the setback distance between the mine lease area and nearby forest to 50m. This explanation is not acceptable as the decision of the SEIAA has no retrospective effect.

After deliberations, the Committee decided against the revalidation of EC due to non-compliance of EC conditions. The Authority noted that the proponent has submitted certain clarification on the observation of 131st SEAC meeting and requested to revalidate EC. Authority considered the recommendation of SEAC and representation of project proponent and decided to accept recommendation of SEAC to reject the request for revalidation.

Item No.118.20 **Environmental Clearance for the Quarry Project of Sri. Shibu Pynadath John, Managing Director, M/s Pynadath Granite Pvt.Ltd. in Sy. Nos. 2066/1, 2067/2, 2063, 2057, 2056/2, 3 and 2067/1 at Kuttichira Village, Kodassery Panchayat, Chalakkudy Taluk, Thrissur, Kerala – Judgment dated 18.11.2020 in WP(C) No.24278 of 2020 - Revalidation of EC.**
(File No.606/SEIAA/ EC1/4633/2014)

The Authority perused the item and noted the various decision of SEAC/SEIAA meetings and observed that the Sub Committee of SEAC conducted the field visit to verify the compliance status as directed by SEIAA in its 111th meeting. The SEAC during its field inspection heard the complainant Sri. Rappai along with his advocate and the Proponent. The Committee observed that “the Complainant’s house is located 300m away from the south-eastern boundary of the project site. The proponent also got a study “Assessment of effect of blasting operations in the stone quarry of M/s Pynadath Granites (P) Ltd” done and report

generated by engaging Dr. Ram Chandar Karra, Dept. of Mining Engineering, NIT, Surathkal. The report stated that the highest PPV of 3.814mm/sec and 3.62mm/sec was recorded at a distance of 70m and 75m respectively, and that no vibrations were recorded beyond 150m.

The Sub- committee has not found any ambiguity in the results of the study. The Committee also observed that the boundary of the property owned by the Proponent from the mine boundary itself is more than 200m and as per the report on assessment of effect of blasting operations, no vibrations of any significance could be recorded beyond 150m. Thus, the claim of the complainant, whose house is beyond 300m away, with respect to vibration impact is not tenable”.

The Committee considering the field visit report and the satisfactory CCR from Integrated Regional Office, MoEF&CC, Bangalore recommended revalidation of EC with a project life of 11 years from the date of the original EC, i.e., 17/02/2016 with certain additional specific conditions in addition to the Specific and General Conditions already issued. The Committee also suggested a hearing of the Complainants Sri. Rappai and Sri. Sunil Karappadam before the revalidation of EC.

In this circumstance, the Authority decided to call Sri. Rappayi and Sri. Sunil Karappadam for a hearing in its next meeting. The intimation regarding the same shall be given to them well in advance.

Item No.118.21 **Environmental Clearance for the quarry project of M/s Madeena Granitein Sy. No. 1/1 (P) at Elamkulam Village, Perinthalamanna Taluk, Malappuram District, Kerala– Judgment dated 19.01.2021 in WP(C) No.28833 of 2020 (D) - Revalidation of EC (File No.305/SEIAA/KL/1572/2014) reg : -**

The Authority perused the item and noted the decisions of various SEAC meetings, the field inspection report of the Sub-Committee and the CCR received from RO, MoEF&CC, Bangalore. The SEAC in its 131st meeting has recommended the revalidation of EC with project life of 16 years from the date of original EC i.e., 05.12.2014 subject to certain additional specific conditions in addition to the specific conditions in the original EC.

The Authority decided to revalidate the EC initially for a period of 5 years and then to extend the EC period to cover the project life of 16 years, from the date of issuance of original EC (05.12.2014), subject to the review by SEAC at the end of every five year, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region by violating EC conditions. The revalidation of EC is subject to the Terms and Conditions in the original EC in addition to the General Conditions and the following Additional Specific Conditions.

1. Green belt along the buffer zone should be strengthened by planting more number of suitable indigenous species of trees in the first year itself.
2. Compensatory afforestation should be carried out to compensate for the loss of vegetation due to mining.
3. The garland canal, silt traps and outflow channel covering the entire project area should be provided with immediate effect. The outflow channel should be connected to the nearest natural drain.
4. The proponent should periodically clean and maintain the garland canal, silt traps, outflow channel and connected drains and geo-tagged photographs of the activity should be submitted along with Half Yearly Compliance Reports.
5. The discharge of the over flow water from the siltation pond to the nearby natural drain should be done only after adequate filtration
6. The 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.
7. The overburden material should be stored at the designed place and it should be protected with retaining wall of appropriate height.
8. The ultimate depth of mine should be limited to 35m above MSL.
9. The garland canals and silt traps are noted to be worn out at certain regions which should be corrected with immediate effect.

Item No.118.22 **Application for Environmental Clearance for the proposed Granite Building Stone Quarry Project of Mr. Abdulla Palliyilin Survey Nos. 34/2, 35/1 Mankada Village, Perinthalmanna Taluk, Malappuram, Kerala (File No. 1308/EC/2019/SEIAA)**

The Authority perused the item and noted the decisions in various SEAC/SEIAA meetings held on different dates. Authority noted that in the 131st meeting of SEAC held on 05th, 06th, 19th & 20th August 2022 SEAC examined the proposal and verified the documents submitted by the proponent and observed that “general slope in the project site is steep to very steep with moderate to deep soil cover at places. At places, the rock is exposed. The land portion west of the project site (West of BP3 and BP4) is extremely steep. The overburden thickness in this portion of land is high and there are two parallel hollows through which natural drainage of the area occurs. The slope down below is higher at places.

Altogether, there is possibility for this portion of land to be unstable, if there are intrusive actions on the upper slope. The proponent has not uploaded the mandatory documents such as Form 1M, Approved Mine Plan, Environmental Management Plan, District Survey Report, Biodiversity Assessment Report, etc.” By considering the land vulnerability of the downslope region located in continuity of the project site and based on Precautionary Principle, the Committee recommended rejection of the proposal.

Authority considered the recommendation of SEAC and noted the contents of the representation of project proponent and decided to accept recommendation of SEAC to reject the proposal for prior environmental clearance and inform the same to Project Proponent.

Item No.118.23 **Environmental Clearance for the quarry project of Sri. K. M. Koyamu, Managing Partner, M/s. Chirayil Granite Industries in Sy Nos. 182/1, 184/1, 185/2 and 186/5 at Nediyrrippu Village & Panchayat, Kondotty Taluk, Malappuram, Kerala– Request to extend the validity of EC on the basis of amendment of EIA Notification dated.18.01.2021 & 12.04.2022.**
(File No.814/SEIAA/EC1/2485/2015)

The Authority perused the item along with the S.O. No. 1807 (E) dated 12.04.2022 regarding the validity of EC from the date of execution of the mining lease and the S.O. 221 (E) dated 18.01.2021 regarding the benefit of covid extension. The Authority observed that the EC was revalidated with a project life of 7 years from the date of issuance of original EC (01.06.2016) as recommended by SEAC. The S.O. No. 1807 (E) dated 12.04.2022 has no retrospective effect and hence the benefit of the same cannot be extended to the revalidated EC. Regarding the S.O. 221 (E) dated 18.01.2021 on Covid extension, the benefit of the same

is applicable to all valid ECs during the period mentioned in the OM and the intimation regarding the same shall have already been intimated to Department of Mining and Geology.

Item No.118.24 **Environmental Clearance for the quarry project in Re-Sy Nos. 168, 282 at Anakkayam Village, Ernad Taluk, Malappuram - Request to count the EC validity as per the execution of quarrying lease
(File No.1160/EC/SEIAA/KL/2017)**

The Authority perused the item along with the S.O.1807 (E) dated 12.04.2022 regarding the validity of EC from the date of execution of the mining lease. The Authority observed that the S.O. No. 1807 (E) dated.12.04.2022 has no retrospective effect and hence the benefit of the same cannot be extended to the issued EC.

Item No.118.25 **Environmental Clearance for the quarry project in Sy No. 172(P) at Kodyathur Village, Kozhikode Taluk, Kozhikode District - Judgment in WP (C) No.424/2021 dated 07.01.2021 filed by Sri. P. M. Aboobacker, Palakkal Granites – Revalidation of EC.
(File No.137/SEIAA/KL/2567/2013)**

The Authority perused the item and found that there is an adjacent quarry of the Proponent for an area of 2.28 Ha for which EC was issued by vide 14/DEIAA/KL/MIN/3102/2016 dated 23-09-2017, which is under consideration for revalidation.

The Director of Mines Safety, Bangalore Region vide their letter no 513521/SZ/Bengaluru Region/Perm Exemp/2020/6632 dated 02/10/2020 permitted to change the mine boundary by amalgamating the areas. The Authority in its 116th meeting directed the proponent to submit the joint Mining Plan after amalgamating the area and apply with a fresh application for revalidation as a single EC, since after amalgamation of two mining sites, there shall be sizeable changes in the buffer zones and the mineable reserves and the revalidation of EC of a single quarry is not proper.

The Proponent submitted a representation dated 16.08.2022, stating that since a LoI for the extension project has already been accorded and hence another LoI from the Directorate of Mining & Geology for the precise area is not feasible by virtue of rules framed on issuance of LoI. Nevertheless, the Authority seems the representation of the Proponent is not sensible and. Earlier decision of Authority is based on the fact that as of now there is only one quarry amalgamating two quarries of 5.868Ha and 2.28 Ha respectively. Issuance of a new LoI is not a reason to revise authority's earlier decision. Authority decided to adhere to its earlier decision in the 116th meeting and inform the same Project Proponent

Item No.118.26 **Environmental Clearance for the Proposed Building Stone Quarry of Sri. Paul K. T., Managing Director, M/s K. T. Crusher's & Aggregates Pvt Ltd in Re- Survey No. 498/2, 498/3, 499/3, 499/4 in Chalavara Village, Ottapalam Taluk, Palakkad, Kerala (File No. 1260/EC2/2019/SEIAA)**

The Authority heard the Proponent on 30th September 2022 and gave him an opportunity for submitting a detailed hearing note within 7 days with necessary supporting documents to substantiate his claims, if any. The proposal with hearing note shall be placed in the next SEIAA meeting for decision.

Item No.118.27 **Environmental Clearance for the Building Stone Quarry Project in Re-Sy.Nos.86/2 ,87, 88/2, 88/3, 88/1, 89/2B, 147/2, 139/1, in Kolavallur Village, Kuthuparamba Grama Panchayt, Thalassery Taluk, Kannur District – Judgmentin WP (C) No.28530/2020 filed by Sri.C.G.George, Kannur - regarding the validity of EC. (File No.623/SEIAA/EC4/4806/2014)**

The Authority heard the Proponent on 30th September 2022 and gave him an opportunity for submitting a detailed hearing note within 7 days with necessary supporting documents to substantiate his claims, if any. The proposal with hearing note shall be placed in the next SEIAA meeting for decision.

Item No.118.28 **Environment Clearance for the Granite Building Stone Quarry of Sri. Robin P.R for an area of 1.9480 ha (4.813 Acres) at Survey No. 144/4 & 144/5, Kalpetta Village, Vythiri Taluk, Wayanad, Kerala (SIA/KL/MIN/43182/2019, 1479/EC2/2019/SEIAA)**

Item No.118.29 **Complaint against Environmental Clearance issued to Sri. B. Sundaran in Survey No. 302/1/274, 302/275/457, 302/148/1, 301/148/2, 302/148/3, 302/148/4, 302/148/5 in Vilakudy Village, Pathanapuram Taluk, Kollam, Kerala- Resolution & Letter received from Vilakkudy Grama Panchayat (File No. 1340/EC1/2019/SEIAA)**

Item No. 118.30

**Judgment in the NGT O.A.No.76/2021 (SZ) dated 06-12-2021/
Judgment of Hon'ble High Court of Kerala in WP(C) No.
21767/2021 dated 11-03-2022**

&

**Judgment dated 4.10.2019 in WP(C) No.31684/2016 filed by Tomy
Thomas (File No.1255/EC4/2016/SEIAA) (Common Judgment in
WP © 31684/2016, WP (C).15505/2016 &WP (C) 25529/2019) –
Request for extension**

**Contempt of Court case against Judgment dated 11-03-2022 in
WP(C) No. 21767/2021, Contempt Case No. CoC No. 839/2022
filed by Tomy Thomas**

(Court case and complaint File No. 1255/EC4/2016/SEIAA)

**(Proposal No: SIA/KL/MIN/278020/2022 File No:
806/SEIAA/EC4/2237/2015 - Extension of Environmental
Clearance)**

The Authority perused the item and noted the Judgment in WP (C) No. 21767/2021 dated 11.03.2022 and the Contempt Court Case No. 839/2022. As directed in the Judgment dated 11.03.2022, the stop memo issued to the proponent was revoked in the 114th SEIAA meeting. The Authority also observed that Contempt of Court Case No. 839 of 2022 against the order/judgment in WP(C) No. 21767/2021 dated 19-09-2022 is closed with liberty to the petitioner to challenge Annexure A5 (a true copy of the relevant pages of the minutes of the SEAC, Kerala dated 5-6 August, 2022 and 19-20 August, 2022).

In the 132nd SEAC meeting held on 13th to 15th September, 2022, the Committee recommended extension of the EC with a project period of 8.2 years as approved in the Scheme of Mining Plan with Progressive Mine Closure Plan for the lease area of 2.8534 Ha subject to certain specific conditions in addition to general conditions. The Authority also noticed that the Certified Compliance Report from Integrated Regional Office, MoEF&CC Bangalore which is a must for any EC extension has not been submitted

Under the circumstances, the Authority decided to extend Environmental Clearance initially for a period of 5 years, for the quantity mentioned in the approved mining plan and then to extend the EC period to cover the project life of 8.2 years as approved in the Scheme of Mining Plan, subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region, by violating EC conditions. **This is subject to the production of satisfactory Certified Compliance Report from the Regional Office, Bangalore** and subject to the following specific conditions in addition to general conditions.

- 1. The quarrying should be initiated only after getting approval of the District Level Crisis Management Committee for mining constituted vide G.O (Rt) No. 542/14/ID dated 26-05-2014.**
- 2. Adequate precaution should be taken considering the Kerala State Disaster Management Plan, 2016 published under Section 23(1) of Disaster Management Act, 2005.**
3. The buffer zones should be demarcated and green belt there should be strengthened with indigenous species of trees as suggested in the biodiversity assessment report.
4. Blasting should be conducted with a maximum of 30 holes in a blast round using 32mm diameter blast holes drilled with handheld Jack hammer drill to a maximum depth of 1.5m and each hole charged with a maximum of 250gm of explosive.

5. Nonel based shock-tube detonators should be used for initiation so as to have hole to hole delay of 17ms and 25ms and accordingly row to row delay of 25ms or 42ms.
6. Adequate muffling arrangement should be made to restrict fly rocks within 10m.
7. Progressive Mine Closure Plan for the lease area of 2.8534 Ha, shall be carried out as per KMMC Rules.
8. Blasting configuration and layout should be strictly in accordance with the recommendation in the study report of the Department of Mining Engineering, National Institute of Technology- Karnataka (NIT-K), Surathkal, Mangalore dated 16.4.2021.
9. The blasting configuration and layout as per the study conducted by the NIT-K, Surathkal should be displayed in front of the project site.
10. Haulage road should be completed with adequate width and lower gradient prior to the commencement of mining.
11. The garland canal and connected catchwater drains with intermittent silt traps should be complete in all respects prior to the commencement of mining
12. A water holding and clarifier pond should be set up at the bottom portion of the site so as to prevent outflow of turbid water.
13. The garland canal, catchwater drains, silt traps, water holding and clarifier pond and outflow channel should be cleaned and desilted periodically and geo-tagged photographs of the process should be included in the Half Yearly Compliance Report.
14. Adequate Rain Water Harvesting structure should be provided on the lower part of site.
15. Overburden dumping site should be provided with protective walls in the lower slope portion of the project area and overburden dump should be protected with retention wall of appropriate height.
16. The existing steep cutting should be set right with adequate benches with stipulated height and width prior to commencement of regular mining.
17. A separate plot to preserve the rare and endemic species, if any, should be earmarked.
18. Planting of trees of local species on both sides of the road within the project site should be completed prior to commencement regular mining.
19. Compensatory afforestation should be done with indigenous species of trees as mentioned in the biodiversity in the land earmarked for the purpose
20. Environment Management Cell (EMC) should include one subject expert in environment management.

21. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).
22. Adequate sanitation, waste management and rest room facilities should be provided to the workers
23. Adequate energy conservation measures should be implemented including solar power installations
24. A Local Monitoring Committee consisting of the President, Thalappalam GP, as Chairmn, Member of the concerned Ward of Thalappalam GP, One nominated Member of the Biodiversity Management Committee of the Thalappalam GP, Project Proponent of the Mining Project, Expert in the Environment Management Cell (EMC) of the Project and a representative from Dept. of M&G should be constituted. The Committee shall meet once in four months and monitor the conditions stipulated in the approved mining plan , consent to operate and Environmental Clearance and their suggestions should be implemented by the Project Proponent without diluting any conditions stipulated in various clearances obtained for operating the mine. The Project Proponent will facilitate the conduct of the meeting. The observations of the committee and follow up action taken should be mentioned in the half yearly completion report.
25. The violation of EC conditions may lead to cancellation of EC and action under the Environment (Protection) Act 1986.

Item No.118.31 **Environmental Clearance issued to the Quarry Project, M/s Tripthy Granites Pvt Ltd in Sy. No. 274, 275/1A3, Thirumittacode Village II, Thirumittacode Panchayat, Pattambi Taluk, Palakkad, Kerala - Judgment dated 17.11.2020 in WP(C) No. 25111/2020 (File No. 826/ SEIAA/EC1/2609/ 2015)**

The Authority perused the item with the decisions in various SEAC/SEIAA meetings and the request of the proponent to grant the validity of EC for a period of one year. The Authority noted that the 112th SEIAA meeting held on 14th, 15th & 16th September 2022, it was directed the proponent to comply with the conditions suggested by SEAC in its 123rd meeting and submit report on compliance status to revisit SEAC to verify the compliance status. The 130th SEAC verified the compliance status after getting the compliance report and other documents sought and observed that the points raised by SEAC have not been fully complied

even after giving adequate time and hence directed to the proponent to comply with certain other conditions also.

Considering the request of the Proponent, the Authority deliberated that the validity of EC has got expired on 16.08.2022, and hence it is difficult to carry out the implementation of the remaining works on the suggestions of SEAC. In these circumstances, the Authority decided to extend the validity of the existing EC for 6 months from the date of issue of the extension order subject to the following conditions:

1. The proponent should carry out all the corrective measures suggested by SEAC in its 123rd and 130th meeting and submit a detailed compliance report.
2. The Proponent should not carry out any mining activity for commercial purpose.
3. No further extension shall be issued in this regard.
4. If the proponent fails to comply with the directions of SEAC, the SEIAA will take further action for the non-compliance of EC conditions.

The SEAC shall verify the compliance status after getting the report from the Proponent and submit the proposal with specific recommendation.

Item No.118.32 **Application for ToR for the China Clay (Minor Mineral) Mining project of M/s EICL Limited in Survey Nos. 177, 178, 179, 180, 241, 242, 181/21, 181/10, 182/3, 4, 5, 6, 10, 11, 12, 17, 183, 184, 240/2, 12, 13, 14, 229/14-1 (existing mine lease area of 14.5129 ha) and Survey Nos. 196/7, 10-5, 10, 10-2, 10-3, 245/1, 1-2, 1-3, 2, 3, 4, 5, 6, 16, 17 (proposed mine lease area of 1.0910 ha) in Veiloor Village, Thiruvananthapuram Taluk, Thiruvananthapuram District – Judgement dated 29.04.2022 in No. 11630/2022 and WP(C) No. 111030/2022 filed before the Hon’ble High Court of Madras (SIA/KL/MIN/67030/2021; 1926/EC1/2021/SEIAA)**

Authority deliberated the request of the proponent in detail. Authority noted that the proposal for EC was already rejected once in 88th meeting of SEIAA held on 25.01.2019. The matter is pending before various courts of law and in NGT relating irregularities committed by Project Proponent in violation of EIA notification 2006. Authority is of the view that before final judgments in pending court cases, it will not be fair to take action to regularize violation and issuance of EC.

PARIVESH FILES

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCES

Item No.1

Environmental Clearance for the proposed Granite Building Stone Quarry Project of Sri. Ravi Paleri in Re-Sy No. 275/1A pt, in Triprangottur Village, Thalassery Taluk, Kannur, Kerala (SIA/KL/MIN/126728/2019; 1782/EC4/2020/SEIAA)

Sri. Ravi Paleri, Proprietor, M/s Surya Stone Crushers & Hollow Bricks submitted application through PARIVESH on.24.12.2019 for Environmental Clearance for the Granite Building Stone Quarry Project for an area of 0.6844 Ha, in Re-Sy No. 275/1A pt, in Triprangottur Village, Thalassery Taluk, Kannur.

The Authority noted the action taken by SEAC in its 121st, 124th, 127th & 130th meetings held on different dates. The Committee in its 130th meeting examined the proposal, verified the documents and discussed the field inspection report. The Committee assessed that the proposed site is located at the upper slope and ridge portion of a residual hill with a very steep slope. The road leading to the site is very narrow and steep. As such, the environmental fragility of the site is very high and an activity like mining is not desirable in the proposed site. Therefore, the Committee decided to recommend rejection of the proposal.

As per the direction of the Hon'ble Court in its Judgment dated 11.08.2022 in WP(C) No.25320/2022, the Authority in its 117th meeting held on 30th August 2022 heard the Project Proponent and directed him to submit the hearing note. The Authority verified the hearing note submitted on 12.09.2022 and found that there is no substantial reasons to reconsider the decision of SEAC to reject the application.

Authority agreed to the recommendation of SEAC to reject the proposal and inform the same to Project Proponent quoting the reasons for rejection.

Item No.2

Environmental Clearance for Granite Building Stone Quarry of Sri. N. A Thomas for an extent of 0.9668 Ha in Sy Nos. 372/1A/3/8,

**372/1A/4/9 & 372/1A/4/9 Kottappady Village, Kothamangalam
Taluk, Ernakulam, Kerala.
(SIA/KL/MIN/131683/2019; 1813/EC3/2020/SEIAA)**

Sri. N.A Thomas, submitted an application for Environmental Clearance via PARIVESH Portal on 16/12/2019, for the Granite Building Stone Quarry project, for an extent of 0.9668 Ha in Survey Nos. 372/1A/3/8, 372/1A/4/9 & 372/1A/4/9 Kottappady Village, Kothamangalam Taluk, Ernakulam, Kerala.

The Authority perused the item and noted that SEAC in its 131st meeting decided to reject the application since it is incomplete and many of the information are not furnished. The Committee also noted that the Project Proponent has not submitted the proof regarding the submission of application to NBWL for Wildlife Clearance.

The Project Proponent requested to reconsider his application vide letter dated 13.09.2022. The Authority observed that the Project Proponent has applied for EC in 16.12.2019 and rejecting after almost three years is not fair. Hence the Authority decided to refer back the proposal to SEAC for appraisal. SEAC shall give an opportunity to the Project Proponent to submit the necessary documents / complete the application.

Item No.3 **Environment Clearance for the Granite Building Stone Quarry of Sri. Binoj K Baby for an area of 0.7905 Ha in Re-Sy Nos. 399/1, 399/15 & 399/18 Padichira Village, Sulthan Bathery Taluk, Wayanad, Kerala.
(SIA/KL/MIN/133893/2019; 1788/E2/2020/SEIAA)**

The Authority heard the Project Proponent on 30th September 2022 as per his request dated 03.08.2022 against the rejection of the proposal and gave him an opportunity to submit a detailed hearing note with necessary supporting documents to substantiate his claims, if any within 7 days. The proposal with hearing note shall be placed in the next SEIAA meeting for decision.

Item No.4 **Environment Clearance for the Granite Building Stone Quarry of Sri. Jose John, M/s. St. Augustine's Granites, for an area of 3.6352 Ha. (8.9825 Acres) in 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, Kerala
(SIA/KL/MIN/139395/2020, File No: 1703/EC3/2020/SEIAA)**

Sri. Jose John, M/s St. Augustine's Granites submitted an application for Environmental Clearance via PARIVESH Portal on 30/01/2020, for the Granite Building Stone Quarry, for an area of 3.6352 Ha in 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.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noted that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, the Field Inspection Report. After the due appraisal, the SEAC in its 131st meeting recommended EC for a project life of 13 years with certain Specific Conditions in addition to the General Conditions.

The Authority noted that for the sustainable management of quarry operations, the approved mining plan is revised every five years till the project life of mine as per KMMC Rules, incorporating scheme of activities to be carried out for the next 5 years.

Authority decided to issue Environmental Clearance initially for a period of 5 years, for the quantity mentioned in the approved mining plan and then to extend the EC period to cover the project life of 13 years, from the date of issuance of original EC, subject to the review by SEAC at the end of five years, to verify whether the Project Proponent has violated any of the EC conditions and thereby caused any damage to the Environment in the project region by violating EC conditions.

The EC is subject to General Conditions and the following Additional Specific Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be*

provided to the SEIAA before commencing the mining activity.

- 3. Depth of mining should be restricted considering the depth to groundwater table, i.e., 72m above MSL.*
- 4. 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 (HYCR).*
- 5. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 6. Buffer zones should be demarcated and green belt development initiated prior to the commencement of mining operation and its maintenance status should be included in the HYCR.*
- 7. Compensatory afforestation with indigenous plants, climbers and herbs, as mentioned in the biodiversity assessment report should be initiated prior to the commencement of mining. The survey numbers of the plot and geo-tagged photographs of the site where afforestation is done should be submitted.*
- 8. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.*
- 9. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.*
- 10. Gabion wall of appropriate height should be provided at the overburden dumping site.*
- 11. CER Plan should be implemented within the first 2 Years and it should be operated and maintained till the mine closure plan is implemented.*
- 12. Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
- 13. The haulage road should be developed and maintained well with frequent sprinkling.*
- 14. Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
- 15. Adequate energy conservation measures proposed should be implemented including solar power installations.*

16. *Environment Management Cell (EMC) should include an Environmental Science Subject Expert.*
17. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
18. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
19. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
20. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
21. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.5

**Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Kunhimuhamed for an area of 0.1536 Ha in Sy No. 8/1 in Kuruva Village, Perinthalmanna Taluk, Malappuram District
(SIA/KL/MIN/141299/2020; 1854/EC6/2020/SEIAA)**

Sri. Kunhi Mohammed, S/o. Moidu, Mankarathodi House, Padapparambu, Vattalur Post, Malappuram submitted an application through PARIVESH on 11.12.2020 for Environmental Clearance for the Laterite Building Stone Quarry Project, for an area of 0.1536 Ha in Sy No. 8/1 in Kuruva Village, Perinthalmanna Taluk, Malappuram District.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report and Mining Plan. After the due appraisal, the SEAC in its 131st meeting recommended to issue EC for the period of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 1 (one) year, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The activity associated with borrowing/excavation of 'brick earth' and 'ordinary earth' for the purpose of brick manufacturing, construction of roads, embankments etc. should not involve blasting.*
- 4. The borrowing/excavation activity should be restricted to a maximum depth of 2m below general ground level at the site.*
- 5. The borrowing/excavation activity should be restricted to 2m above the ground water table at the site.*
- 6. The borrowing/excavation activity should not alter the natural drainage pattern of the area.*

7. *The borrowed/excavated pit should be restored by the Project proponent for useful purposes.*
8. *Appropriate fencing all around the borrowed/excavated pit should be made to prevent any mishap.*
9. *Measures should be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.*
10. *Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.*
11. *Workers/labourers should be provided with facilities for drinking water and sanitation.*
12. *A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.*
13. *A minimum distance of 15m from any civil structure should be kept from the periphery of any excavation area.*
14. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
15. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
16. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.6

**Environmental Clearance for the Laterite Building Stone Quarry project of Sri. Anil Kumar. P.S, for an area of 0.1943 Ha. in Re-Survey No. 812/10-2 of Koothattukulam Village, Muvattupuzha Taluk, Ernakulam, Kerala.
(SIA/KL/MIN/142553/2020; 1686/EC3/2020/SEIAA)**

Sri. Anil Kumar. P.S submitted an application for Environmental Clearance via PARIVESH Portal on 12/02/2020, for the Laterite Building Stone project, for an area of 0.1943 Ha in Re-Sy No. 812/10-2 of Koothattukulam Village, Muvattupuzha Taluk, Ernakulam, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 131st meeting recommended to issue EC for the period of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 1 (one) year for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The activity associated with borrowing/excavation of “brick earth” and “ordinary earth” for the purpose of brick manufacturing, construction of roads, embankments etc. should not involve blasting.*
- 4. The borrowing/excavation activity should be restricted to a maximum depth of 2m below general ground level at the site.*
- 5. The borrowing/excavation activity should be restricted to 2m above the ground water table at the site.*
- 6. The borrowing/excavation activity should not alter the natural drainage pattern of the area.*

7. *The borrowed/excavated pit should be restored by the Project proponent for useful purposes.*
8. *Appropriate fencing all around the borrowed/excavated pit should be made to prevent any mishap.*
9. *Measures should be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.*
10. *Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.*
11. *Workers/labourers should be provided with facilities for drinking water and sanitation.*
12. *A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.*
13. *A minimum distance of 15m from any civil structure should be kept from the periphery of any excavation area.*
14. *Numbered Boundary Pillars marked with geo-coordinates should be fixed to define the exact boundary and geotagged photographs of all the boundary pillars should be submitted prior to commencement of mining.*
15. *Garland drainage system covering the entire project area along with silt traps and siltation pond should be provided and it should be connected to a natural drain.*
16. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
17. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*

18. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

Item No.7

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Unnikrishnan for an area of 0.6340 Ha in Sy.Nos. 453/1, Arakkuparamba Village, Perinthalmanna Taluk, Malappuram District

(SIA/KL/MIN/142917/2020; 1659/EC6/2020/SEIAA)

Sri. Unnikrishnan, Katturayil (H), Mattarakkal (PO), Thazhekkode, Perinthalmanna, Malappuram submitted an application for Environmental Clearance through PARIVESH on 12.05.2020 for the Granite Building Stone Quarry Project for an area of 0.6340 Ha in Sy No. 453/1 Arakkuparamba Village, Perinthalmanna Taluk, Malappuram District.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Filed Inspection Report. After the due appraisal, the SEAC in its 131st meeting, recommended EC with the project life of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 5 (five) years, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Green belt development in the buffer zone should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years*

4. *Compensatory afforestation should be done with indigenous fruit trees and the geocoordinates of the afforested place with photographs should be provided along with HYCR.*
5. *Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.*
6. *Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the compliance report.*
7. *Gabion wall of appropriate height should be provided at the overburden dumping site.*
8. *CER Plan should be implemented within the first 2 Years and it should be operated and maintained till the mine closure plan is implemented.*
9. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
10. *The haulage road should be maintained well with frequent sprinkling.*
11. *Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
12. *Adequate energy conservation measures proposed should be implemented including solar power installations.*
13. *Adequate slope stabilization measures should be undertaken in areas with steep slopes.*
14. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
15. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. The indicated cost for*

CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.

- 16. In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
- 17. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
- 18. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.8

Environmental Clearance for the proposed Granite Building Stone Quarry Project of Sri. Shaji N. M in Re-Sy Nos. 533/2, 3 in Thiruvallloor Village, Vadakara Taluk, Kozhikode, Kerala (SIA/KL/MIN/145053/2020; 1370/EC2/2019/SEIAA)

Sri. Shaji N. M, S/o Chandhu, Nampoorikandi Meethal House, Thiruvallur P.O, Vadakara, Kozhikode submitted an application via PARIVESH on 24.02.2020 for Environmental Clearance for the Granite Building Stone Quarry Project for an area of 0.3339 Ha, in Re-Sy Nos. 533/2, 3 Thiruvallloor Village, Vadakara Taluk, Kozhikode, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal

based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Filed Inspection Report. After the due appraisal, the SEAC in its 131st meeting, recommended EC with the project life of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 5 (five) years, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Boundary pillars marked with number and geo-coordinates should be fixed permanently and the geo-tagged photographs of each boundary pillar should be submitted prior to the commencement of mining.*
- 4. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 5. Green belt development in the buffer zone should be done in the first year of the project itself and it should be nurtured and maintained in subsequent years.*
- 6. Compensatory afforestation should be done with indigenous fruit trees and the geo-coordinates of the afforested place with photographs should be provided along with HYCR.*
- 7. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.*
- 8. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the compliance report.*

9. *Gabion wall of appropriate height should be provided at the overburden dumping site.*
10. *CER Plan should be implemented within the first 2 years and it should be operated and maintained till the mine closure plan is implemented.*
11. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
12. *The haulage road should be maintained well with frequent sprinkling.*
13. *Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
14. *Adequate energy conservation measures proposed should be implemented including solar power installations.*
15. *If the abandoned quarry adjacent to the proposed project area is owned by the Project Proponent, the Project Proponent shall take immediate measures to close the abandoned quarry in the project site as per the final closure plan in the approved mining plan within 6 months and a report from district Geologist shall be produced to the effect that the final closure of quarry has been done as per the approved norms of Department of Mining and Geology. The compliance of this condition should also be reported in the HYCR. On receipt of the report, the SEAC shall verify the mine closure status.*
16. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
17. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made*

available to the concerned Panchayat for information and implementation support.

- 18. In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
- 19. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
- 20. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.9

**Environmental Clearance for the Granite Building Stone Quarry of Sri. Sajan Mani for an area of 0.9709 Ha in Sy No. 2398 of Peechi Village, Thrissur Taluk, Thrissur, Kerala
(SIA/KL/MIN/149363/2020; 1769/EC6/ 2020/SEIAA)**

Sri. Sajan Mani, Kaniyarkuzhiyil House, Karimkunam PO, Thodupuzha, Idukki, Kerala submitted an application through PARIVESH on 22.08.2020 for Environmental Clearance for the Granite Building Stone Quarry Project for an extent of 0.9709 Ha in Sy. No. 2398 of Peechi Village, Thrissur Taluk, Thrissur, Kerala.

The Authority noted the action taken by SEAC in its 120th, 122nd, 124th, 129th & 131st meetings held on different dates. Based on detailed discussion, the Committee in its 131st meeting decided to reject the proposal due to the following reasons.

1. The portion of the proposed project site on the southern side of BP7, BP8 and BP9, BP1 and BP2 shows a vertical phase of height of above 50m with slope around 75°. The bottom portion of the slope is a road. Therefore, the land is very fragile in the area connecting BP7 - BP8 - BP9 - BP1 - BP2.
2. The source of water for the purpose of quarry is not found feasible.
3. There is an Ayurvedic Medicine Factory, reported to be owned by M/s. Vaidyaratnam Thaikkaat Mooss, is located at around 62m off BP3 which will be adversely affected by the blasting and other mining related activities.
4. It is certified by the Village Officer in the demarcation certificate that there are no houses within 50m of the project site. However, a building used as residence and proposed as camp office is seen at around 30m from the Project site.

Authority agreed to the recommendation of SEAC to reject the proposal and inform the same to Project Proponent quoting the above reasons for rejection.

Item No.10

Environmental Clearance for the Granite Stone Mining Project, M/s K Lekshmanan Infrastructure and Industries Pvt Ltd for an area of 0.9812 in 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), Chadayamangalam Village, Kottarakkara, Taluk, Kollam , Kerala (SIA/KL/MIN/154110/2020; 1730/EC2/2020/SEIAA)

M/s K Lekshmanan Infrastructures and Industries Pvt Ltd Akkavila, Sreesarvana Nagar-200, Eravipuram P.O., Kollam submitted application for Environmental Clearance on 01.06.2020 for the mining of Granite Building Stone for an area of 0.9812 Ha in 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) Chadayamangalam Village, Kottarakkara Taluk, Kollam, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Filed Inspection Report. After the due

appraisal, the SEAC in its 127th meeting, recommended EC with the project life of 3 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority in its 116th meeting noticed that NOC is valid only for about 0.23 Ha excluding buffer area and hence directed the Project Proponent to submit NOC for 0.409 Ha including the buffer area before the issuance of EC. The Authority decided to issue EC subject to the production of valid NOC. The Project Proponent submitted the revised NOC on 29.08.2022. The Authority also observed that the Mining Plan is approved only for 1 (one) year.

The Authority decided to issue Environmental Clearance for the period of 1 (one) year, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of lease/permit from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 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 (HYCR).*
- 4. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 5. Garland drain should be provided all around the project area with intermittent silt traps, siltation ponds and outflow channel connecting natural drain*
- 6. 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 HYCR.*

7. *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.*
8. *The access road should be developed to ensure hindrance-free road transportation.*
9. *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. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
11. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
12. *In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
13. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.*

The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.

14. The Project Proponent shall take immediate measures to close the abandoned quarry in the Project site as per the final closure plan in the approved mining plan and as per KMMC Rules within 6 months and a report from District Geologist shall be produced to the effect that the final closure of quarry has been done as per the approved norms of department of Mining and Geology. The compliance of this condition should also be reported in the HYCR.

15. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

Item No.11

Environmental Clearance for the Granite Building Stone Quarry of Sri. V. J. Chacko, M/s. Amala Granite Products for an area of 2.4929 Ha in Survey Nos. 14/6(P), 14/7(P), 14/8(P), 14/9(P) and 14/10(P) at Parlikkad Village, Thalappilly Taluk, Thrissur SIA/KL/MIN/155091/2020, 1816/EC6/2020/SEIAA (EC Proposal) & SIA/KL/MIN/38577/2019, 1402/EC2/2019/SEIAA (ToR proposal)

Sri. V. J. Chacko, M/s. Amala Granite Products, Vadakkethala, Pindani House, Chettupuzha P.O., Thrissur District submitted an application for Environmental Clearance through PARIVESH on 21.12.2019 for the Granite Building Stone Quarry, for an area of 2.4929 Ha, in Survey No: 14/6(P), 14/7(P), 14/8(P), 14/9(P) and 14/10(P) at Parlikkad Village, Thalappilly Taluk, Thrissur.

The Authority perused the item and noticed that there is a KSEB transformer within 20m from BP1 and a Crusher unit within 15 m from BP10. Authority also noticed that there is no valid Mining Plan to proceed with EC. In this circumstance, the Authority decided the following:

1. Direct the Project Proponent to relocate the KSEB transformer and submit the documentary evidence.
2. Direct the Project Proponent to submit a valid Mining Plan as the Mining Plan is the basic fundamental document of an EC for a mining project.

Item No.12

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Muhammed Shareef for an area of 0.8786 Ha, in Re-Sy No. 82/1-20, Puzhakkattiri Village, Perinthalmanna Taluk, Malappuram

(SIA/KL/MIN/158114/2020, 1801/EC6/2020/SEIAA)

Sri. Mohammed Shareef, Kuttikkadan House, P.O, Athavanad, Malappuram submitted an application through PARIVESH on 09.10.2020 for Environmental Clearance for the Granite Building Stone Quarry Project for an area of 0.8786 Ha in Re-Sy No. 82/1-20, Puzhakkattiri Village, Perinthalmanna Taluk, Malappuram.

The Authority noted the action taken by SEAC in its 121st, 123rd, 127th & 131st meetings held on different dates. The Committee in its 131st meeting observed that the existing old quarry cut across the drainage line of a milli-watershed. The upper slope region of the site is very steep and the slope above the proposed site is also very steep. The land stability within and upper slope region of the terrain is very fragile. Considering the land vulnerability of the upper slope region located in continuity of the project site and the obstruction to the first order drainage through the proposed project area, the Committee observed that it is not desirable to consider the project for environmental clearance from the point of view of Precautionary Principle. The Committee, therefore, decided to recommend the rejection of the proposal.

Authority agreed to the recommendation of SEAC to reject the proposal and inform the same to Project Proponent quoting the reasons for rejection.

Item No.13

Environmental Clearance for the proposed Granite Building Stone Quarry Project of Sri. Ravi Paleri in Re-Sy No. 138/2, Kolavalloor Village, Thalassery Taluk, Kannur District, Kerala (SIA/KL/MIN/158149/2020; 1786/EC4/2020/SEIAA)

Sri. Ravi Paleri, Proprietor, M/s Surya Stone Crushers & Hollow Bricks, Kalluvalappu P.O, Cheruparamba Kannur-670693 submitted an application for Environmental Clearance through PARIVESH on 17.06.2020 for the Granite Building Stone

Quarry Project, for an area of 0.5710 Ha in Re-Sy No. 138/2 in Kolavallur Village, Thalassery Taluk, Kannur, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Filed Inspection Report. After the due appraisal, the SEAC in its 131st meeting, recommended EC with the project life of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 5 (five) years, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Depth of mining should be limited to a maximum of 460 m above MSL considering the depth to groundwater table and vulnerability of the terrain.*
- 4. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 5. Development of green belt to be initiated prior to the commencement of mining operation and its maintenance status should be included in the HYCR.*
- 6. Compensatory afforestation to be initiated prior to the commencement of mining.*
- 7. Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.*
- 8. Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.*

9. *OB dumping site should be provided at the lower portion of the site and it should be protected with gabion wall of appropriate height.*
10. *CER Plan should be implemented within the first 2 Years and it should be operated and maintained till the mine closure plan is implemented.*
11. *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 (HYCR)*
12. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
13. *The haulage road should be developed and maintained well with frequent sprinkling.*
14. *Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
15. *Adequate energy conservation measures proposed should be implemented including solar power installations.*
16. *If the abandoned quarry adjacent to the proposed project area is owned by the Project Proponent, the Project Proponent shall take immediate measures to close the abandoned quarry in the project site as per the final closure plan in the approved mining plan within 6 months and a report from district Geologist shall be produced to the effect that the final closure of quarry has been done as per the approved norms of Department of Mining and Geology. The compliance of this condition should also be reported in the HYCR. On receipt of the report, the SEAC shall verify the mine closure status.*
17. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
18. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature*

of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.

19. In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.

20. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.

21. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

Item No.14

Environment Clearance to Sri. Prabhat Menon for the Laterite Building Stone Quarry project for an area of 0.0972 Ha in Survey No. 676/pt Madikkai Village, Hosdurg Taluk, Kasargod, Kerala (SIA/KL/MIN/159159/2020, 1852/EC2/2020/SEIAA)

Sri. Prabhat Menon, B/7, Pearl Apartment, Agashi Road, Sundar Nagar, Virat West, Bolinj, Thane, Maharashtra, vide application received on 16.12.2020, sought Environmental Clearance for the proposed Laterite Building Stone Quarry in Sy No. 676/pt Madikkai Village, Hosdurg Taluk, Kasargod, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 131st meeting recommended to issue EC for the project life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 1 (one) year for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. Green belt development in the buffer should be done using indigenous species of trees and it should be nurtured and maintained in subsequent years*
- 4. Appropriate drainage arrangement from the mine pit should be ensured.*
- 5. The CER should be implemented as per rules.*
- 6. Transportation of mined material should not be done during the peak hours in the forenoon and afternoon.*
- 7. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*
- 8. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder,*

flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.

9. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.15

**Environmental Clearance for the proposed Granite Building Stone Quarry of Sri. Sukumaran, President, Ottappalam Taluk Karinkal Quarry Operators Industrial Co-operative Society Limited in Block No.19, Re-Sy No. 492/3, Thiruvegappura Village, Pattambi Taluk, Palakkad District
(SIA/KL/MIN/159168/2020; 1752/EC1/2020/SEIAA)**

Sri. Sukumaran, President, Ottappalam Taluk Karinkal Quarry Operators Industrial Co-operative Society Limited submitted an application for Environmental Clearance via PARIVESH on 20.06.2020 for the proposed Granite Building Stone Quarry for an area of 0.4177 Ha in Block No.19, Re-Sy No. 492/3, of Thiruvegappura Village, Pattambi Taluk, Palakkad.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Filed Inspection Report. After the due appraisal, the SEAC in its 131st meeting, recommended EC with the project life of 3 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 3 (Three) years, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

1. *The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
2. *The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*

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 (HYCR)*
4. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
5. *Development of green belt to be initiated prior to the commencement of mining operation and its maintenance status should be included in the HYCR.*
6. *Compensatory afforestation to be initiated prior to the commencement of mining.*
7. *Drainage system incorporating garland canal, silt traps, siltation pond and outflow channel connecting to a natural drain should be provided prior to the commencement of mining.*
8. *Garland drain, silt-traps, siltation ponds and outflow channel should be desilted periodically and geo-tagged photographs of the process should be included in the HYCR.*
9. *OB dumping area should be located in the lower area (near to BP6) with retaining wall of appropriate height.*
10. *CER Plan should be implemented within the first 2 Years and it should be operated and maintained till the mine closure plan is implemented.*
11. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
12. *The haulage road should be developed and maintained well with frequent sprinkling.*
13. *Adequate sanitation, waste management and rest room facilities should be provided to the workers.*
14. *Adequate energy conservation measures proposed should be implemented including solar power installations.*
15. *Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
16. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during*

appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.

17. In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.

18. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.

19. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.

Item No.16 **Environmental Clearance for the proposed Laterite Building Stone Quarry Project of Smt. Deepa N.K in Sy. Nos. 23/798, 23/912, Kalliad Village, Iritty Taluk, Kannur, Kerala**
(SIA/KL/MIN/162481/2020; 1742/EC4/2020/SEIAA)

Smt. Deepa N.K, Proprietor, W/o Rajesh M.M, Neeliyath Kannothe House, Chelora, Mouvanchery P.O, Kannur - 670613 submitted an application for Environmental Clearance

through PARIVESH on 07.07.2020 for the Laterite Building Stone Quarry Project, for an area of 0.5567 Ha in Sy Nos. 23/798, 23/912 in Kalliad Village, Iritty Taluk, Kannur, Kerala.

The Authority noted the action taken by SEAC in its 120th, 122nd, 126th, 128th & 131st meetings held on different dates. The Committee in its 131st meeting noticed that the area is located on top of a lateritic plateau and the over burden is nil or sparse. Abandoned laterite excavated pits are seen outside the project area. It is observed at the site that the top soil and 3 to 4 layers of laterite bricks are already extracted. The boundary pillars were removed and kept in a nearby shed. Only small iron rod was fixed to identify the project boundary. Though the date and time of field visit was intimated to the PP and the RQP, they were absent. Efforts to contact them over phone also failed. In the circumstance, the Committee decided to recommend the rejection of the proposal and inform the Authority to notify the matter to the M&G Department, Kannur District.

Authority agreed to the recommendation of SEAC to reject the proposal and inform the same to Project Proponent quoting the reasons for rejection and notify the matter to the M&G Department, Kannur District.

Item No.17

Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Khaja Hussain K.K for an area of 4.8127 Ha, in Re-Sy. No. 26/9-277, 26/9-278, 26/9-102, 26/9-103 in Thazhekkode Village, Perinthalmanna Taluk, Malappuram District
(SIA/KL/MIN/166718/2020; 1866/EC6/2020/SEIAA)

Sri. Khaja Hussain K.K, Kuthukallan House, Amminikkad P.O, Perinthalmanna, Malappuram submitted an application for Environmental Clearance through PARIVESH on 26.12.2020 for the Granite Building Stone Quarry Project for an area of 4.8127 Ha in Re-Sy. Nos. 26/9-277, 26/9-278, 26/9-102, 26/9-103 in Thazhekkode Village, Perinthalmanna Taluk, Malappuram District.

The Authority noted the action taken by SEAC in its 123rd, 124th, 127th, 128th & 131st meetings held on different dates. The Committee in its 131st meeting observed the following aspects.

1. The site is located on the upper slope region of the southwest side slope of a ridge connecting Kodikuthu mala (455m above MSL), Mannarmala (540m above MSL) and Panambi hills (495m above MSL). The side slope is steep to very steep and the project is located at a distance of about 180m downslope from the ridge top (420m above MSL).
2. The slope is very steep south of BP1-BP2-BP4.
3. The mining activity in the proposed site, located dominantly in the medium hazard zone, may convert the site to a high hazard zone
4. The road is very narrow and rugged with sharp turns and cut across many first, second and third order drains.
5. The maximum depth of mine proposed is 25m bgl which generates a large waterbody with a maximum depth of 25m in the upper slope region of a ridge with high relative relief which will be serious implications to the lower slope region as well as the habitation in the lower slope and valley portion of the area.
6. There may be possible impact of appreciable to significant level on the hydrological and hydrogeological aspects as well as on land stability including landslide proneness.
7. The hill complex in which the project site falls seems to be fragile.

Considering the land vulnerability of the lower slope region located in continuity of the project site located in the moderate hazard zone, it is not desirable to consider the project for environmental clearance from the point of view of Precautionary Principle. Accordingly, the Committee decided to recommend rejection of the proposal for environmental clearance.

Authority agreed to the recommendation of SEAC to reject the proposal and inform the same to Project Proponent quoting the reasons for rejection.

Item No.18

**Environmental Clearance for the Mining of Ordinary Earth proposal of Sri. Naushad T M., Chemmalakkudy Thachayil House, Vengola P. O., Ernakulam for an area of 0.4553 Ha in Block No. 22, Re-Sy Nos. 441/7-3, 441/7-4, 441/7-5-2, in Arakkappady Village, Kunnathunad Taluk, Ernakulam, Kerala.
(SIA/KL/MIN/172346/2020; 1826/EC3/2020/SEIAA)**

Sri. Naushad T. M. submitted an application for Environmental Clearance via PARIVESH Portal on 10/09/2020, for the mining of Ordinary Earth from an area of 0.4553 Ha in Block No. 22, Re-Sy Nos. 441/7-3, 441/7-4, 441/7-5-2, Arakkappady Village, Kunnathunad Taluk, Ernakulam, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 131st meeting recommended to issue EC for the project life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

On examination, the Authority noticed that the project is proposed to excavate about 60000 MT of ordinary earth from 0.4553 Ha land, the depth of mining is around 50 feet and there are three buildings extremely close to the proposed site, in which one building is 4.1m close to the boundary. In addition, about 43 buildings are located within 100m distance from the project site. All the wells in the upper reaches may get dried up due to the excavation and only a reasonable depth can be allowed without affecting the local livelihood. Authority also noticed that if adequate measures have not taken for the protection of benches, during monsoon it may lead to landslides etc. Hence Authority decided to refer the case back to SEAC for reappraisal.

Item No.19 **Environmental Clearance for the Granite Building Stone Quarry Project of Sri. Sakkier Hussain, for an area of 0.6656 Ha in Block No. 2, Re-Sy No. 281/1-9, in Mundakkayam Village, Kanjirappally Taluk, Kottayam, Kerala.**
(SIA/KL/MIN/204998/2021; 1923/EC3/2021/SEIAA)

Sri. Sakkier Hussain, submitted an application for Environmental Clearance via PARIVESH Portal on 21/03/2021, for the Granite Building Stone Quarry project, for an area of 0.6656 Ha in Block No. 2, Re-Sy No. 281/1-9, Mundakkayam Village, Kanjirappally Taluk, Kottayam, Kerala.

The Authority noted the action taken by SEAC in its 130th & 131st meetings held on different dates. The Committee in its 131st meeting observed that the site is characterized by steep slope region especially on the northern part of the proposed area. The project site is a middle portion of a steep hill and the region above the project site is steeper. A first-order

stream (may not be a perennial one) is flowing through the buffer region near BP 3. Considering the severe land fragility status of the project site, the Committee decided to recommend rejection of the proposal.

Authority agreed to the recommendation of SEAC to reject the proposal and inform the same to Project Proponent quoting the reasons for rejection.

Item No.20 Environmental Clearance for the Laterite Building Stone Project of Sri. Manoj E S. for an area of 0.1975 Ha in Re-Sy Nos. 280/4, 280/13 in Aikaranad South Village, Kunnathunad Taluk, Ernakulam, Kerala.
(SIA/KL/MIN/234007/2021; 2019/EC3/2022/SEIAA)

Sri. Manoj E S. submitted an application for Environmental Clearance via PARIVESH Portal on 18/10/2021, for the Laterite Building Stone project for an area of 0.1975 hectares, in Re-Sy Nos. 280/4, 280/13 in Aikaranad South Village, Kunnathunad Taluk, Ernakulam, Kerala.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 131st meeting recommended to issue EC for the period of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 1 (one) year for the quantity mentioned in the approved Mining Plan subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The Project Proponent should submit an affidavit, prior to issuance of EC, stating that CER proposal as per rules will be implemented.*
- 4. The excavation activity associated should not involve blasting.*

5. *The excavation activity should be restricted to a maximum depth of 2m below general ground level at the site.*
6. *The excavation activity should be restricted to 2m above the ground water table at the site.*
7. *The excavation activity should not alter the natural drainage pattern of the area.*
8. *The excavated pit should be restored by the Project Proponent for useful purpose.*
9. *Appropriate fencing all around the excavated pit should be made to prevent any mishap.*
10. *Measures should be taken to prevent dust emission by covering of excavated material during transportation.*
11. *Safeguards should be adopted against health risks on account of breeding of vectors in the water bodies created due to excavation of earth.*
12. *Workers/labourers should be provided with facilities for drinking water and sanitation.*
13. *A berm should be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.*
14. *A minimum distance of 15m from any civil structure should be kept from the periphery of the project area.*
15. *No water logging should be allowed in the mine pit. Appropriate drainage should be ensured from the project area prior to the commencement of mining.*
16. *The drain should be provided with silt traps and siltation pond and the overflow water should be clarified and drained to the nearest natural drain without any hindrance.*
17. *The drainage system should be cleaned and desilted periodically to facilitate unhindered drainage.*
18. *Transportation of mined material should not be done during the peak hours in the forenoon (8.00am to 10.00am) and afternoon (3.30pm to 5 pm).*
19. *As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.*

20. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
21. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.21

**Environmental Clearance for the Laterite Building Stone Quarry Project of Sri. Hussain Babu, for an area of 0.8058 Ha, in Re-Sy No. 249/2-4, in Edayur Village, Tirur Taluk, Malappuram, Kerala.
(SIA/KL/MIN/268811/2022, 1998/EC6/2022/SEIAA)**

Sri. Hussain Babu, S/o Mohammed, Parakkundil House, Vadakkumburam post, Malappuram submitted an application for Environmental Clearance through PARIVESH on 16.05.2022 for the Laterite Building Stone Quarry Project for an area of 0.8058 Ha in Re-Sy No. 249/2-4 in Edayur Village, Tirur Taluk, Malappuram.

The Authority noted the action taken by SEAC in its 129th & 131st meetings held on different dates. The Committee in its 131st meeting observed that there is a road adjacent to the BP-1 and a building adjacent to BP-2 at a distance of less than 10m. Therefore, the Committee decided to recommend rejection of the proposal.

Authority agreed to the recommendation of SEAC to reject the proposal and inform the same to Project Proponent quoting the reasons for rejection.

Item No.22

**Application for Environmental Clearance for Removal of Ordinary Earth - Smt. Serin Scaria, Vellor Village, Kottayam District
(SIA/KL/MIN/271891/2022; 2687/A2/2019/SEIAA)**

Smt. Serin Scaria has submitted an application for Environmental Clearance on 30.07.2019 for the removal of ordinary earth for commercial purpose from an area of 01.04.41 Ha at Survey No.473/1 in Velloor Village, Vaikkam Taluk, Kottayam District.

The Authority perused the proposal and noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, and Mining Plan. After the due appraisal, the SEAC in its 131st meeting recommended to issue EC for the project life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

On examination, the Authority noticed that the project is proposed to excavate about 59200 MT of ordinary earth from 0.4947 Ha land, the depth of mining is around 50 feet (16m) and there is a building extremely close to the proposed site. In addition, there are other buildings located within 100m distance from the project site. Due to this only a reasonable depth can be allowed without affecting the local livelihood. Further the Village Officer, Vellor Village and the Secretary of Vellor Grama Panchayat intimated that the elevated land portion may slide down and such a land slip may cause hindrance to traffic. The photographs of the proposed area also indicate such a possibility. Authority also noticed that if adequate measures have not taken for the protection of benches, during monsoon it may lead to landslides etc. Hence Authority decided to refer the case back to SEAC for reappraisal.

Item No.23 **Environmental clearance for the proposed Granite Building Stone quarry project of Mr. Ajayyan. P. V. in Survey No. 151/1 in Pulpatta Village, Ernad Taluk, Malappuram, Kerala (SIA/KL/MIN/272047/2022; 1216/EC2/ 2019/SEIAA)**

Sri. Ajayyan.P.V., Padinhareveettil House, Chirayil Post, Malappuram vide the hardcopy of application received on 13.02.2019, has sought Environmental Clearance under EIA Notification, 2006 for the Granite Building Stone quarry project for an area of 0.5996 Ha in Survey No. 151/1 in Pulpatta Village, Ernad Taluk, Malappuram, Kerala.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Filed Inspection Report. After the due appraisal, the SEAC in its 131st meeting, recommended EC with the project life of 5 years, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 5 (five) years, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

- 1. The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
- 2. The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
- 3. The OB dumping site should be located at the lowest contour level*
- 4. Only medium-capacity vehicle should be used for the transportation of mined material.*
- 5. 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*
- 6. The impact of vibration due to blasting should be monitored for peak particle velocity and amplitude and included in the Half Yearly Compliance Report.*
- 7. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 8. The drainage channel, silt traps and collection tank should be maintained on a regular basis by removing silt deposited to prevent obstruction to overland flow.*
- 9. Blasting mats should be used during rock blasting to contain the blast, prevent fly rocks and suppress dust.*
- 10. As per OM no F.No.22-65/2017-IA.III dated 30th September 2020, under Corporate Environmental Responsibility (CER) the Project Proponent shall prepare an Environment Management Plan (EMP) as directed by SEAC during appraisal, covering the issues to address the environmental problems in the project region, indicating both physical and financial targets year wise. The EMP shall be implemented in consultation with Local Self Govt. Institutions. The indicated cost for CER shall be 2% of the project cost depending upon the nature of activities proposed. The follow up action on implementation of CER shall be included in the Half Yearly Compliance Report which will be subjected to field inspection at regular*

intervals. A copy of the approved EMP shall be made available to the concerned Panchayat for information and implementation support.

- 11. In the wake of occurrence of large scale landslides in the state, as per the information provided by the Department of Mining & Geology, it is directed to use only NONEL (Non Electrical) technology for blasting to reduce the vibration of the ground, which is one of the causative factors that triggers landslides, formation of cracks in the surrounding buildings and disturbance to human and wildlife.*
- 12. As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
- 13. The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

Item No.24

**Application of Sri. P.A. Paul for Environmental Clearance for removal of Ordinary Earth in Re. Survey No. 400/4 at Arakkapadi Village, Kunnathnad Taluk, Ernakulam, Kerala
(SIA/KL/MIN/283714/2022; 2203/EC2/2019/SEIAA)**

Sri. P. A. Paul, Srambikkal Puthenpurayil Veedu, West Vengola P.O, Ernakulam-683556 submitted an application for Environmental Clearance in SEIAA on 26.06.2019 for the removal of Ordinary Earth from an area of 01.4280 Ha in Re. Sy. No.400/4 in Arakkappadi Village, Kunnathunad Taluk, Ernakulam District.

The Authority perused the proposal and noted the decisions of various SEAC meetings held on different dates. Authority noticed that the SEAC had appraised the proposal based on Form 2, Pre-Feasibility Report, Mining Plan, additional details/documents obtained from the Project Proponent during appraisal, and the Filed Inspection Report. After the due appraisal, the SEAC in its 131st meeting, recommended EC with the project life of 1 year, subject to certain Specific Conditions in addition to the General Conditions.

The Authority decided to issue Environmental Clearance for the project life of 1 (one) year, for the quantity mentioned in the approved Mining Plan, subject to the following Specific Conditions in addition to the General Conditions.

1. *The Project Proponent shall carry out quarrying as per the approved Mining Plan and the Project Proponent should strictly follow the Kerala Minor Mineral Concession Rules 2015 and amendments thereby.*
2. *The EC shall be valid from the date of execution of permit/lease from the Department of Mining and Geology. The copy of the lease order should be provided to the SEIAA before commencing the mining activity.*
3. *Benches should be maintained with a height and width of 2 meters each respectively.*
4. *The Project Proponent should take utmost care and adopt adequate precautionary measures while removing the ordinary earth to protect the Anganwadi and other adjacent houses.*
5. *Planting should be done in the elevated area after excavation.*
6. *Appropriate drainage should be maintained from the Project site and surrounding area to ensure unhindered overland flow.*
7. *As per the directions contained in the OM F.No.22-34/2018-IA.III dated 16th January 2020 issued by MoEF&CC, in obedience to the directions of the Hon'ble Supreme Court the Project Proponent shall, undertake re-grassing the mining area and any other area which may have been disturbed due to his mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The compliance of this direction shall be included in the Half Yearly Compliance Report which will be monitored by SEAC at regular intervals.*
8. *The violation of EC condition may lead to cancellation of EC and action under The Environment (Protection) Act 1986.*

The Authority decided that the Environmental Clearance shall be issued to Dr. Salu Paul, the legal heirship of the Project Proponent Sri. P.A. Paul, since, the latter had expired and the legal heirship and other documents were submitted in SEIAA office were found satisfactory.

Item No.25

Environment Clearance to Sri. Biju Khan for the Granite Building Stone Quarry for an area of 0.9037 Ha in Re-Survey No.-214/1-1-1, 214/1-1-2, 214/2pt (Own Patta land) & Re-Sy.No.-214/1pt (Govt. Land) Pooyapally Village, Kottarakara Taluk, Kollam, Kerala (SIA/KL/MIN/43903/2019, 1548/EC2/2019/SEIAA)

Sri. Biju Khan, Biju Manzil, Mylakadu (PO), Kollam 691 571, vide application received on 13.12.2019, sought Environmental Clearance for the proposed Granite Building Stone Quarry for an area of 0.9037 Ha in Re-Sy Nos. 214/1-1-1, 214/1-1-2, 214/2pt (Own Patta land) & Re-Sy.No.-214/1pt (Govt. Land) of Pooyapally Village, Kottarakara Taluk, Kollam, Kerala.

The Authority in its 117th meeting found that the government land included in both projects (SIA/KL/MIN/43903/2019) is contiguous with same survey number. If both projects are combined as a single project, the environment mitigation measures will be more effective. The Authority decided to obtain an explanation from the Project Proponent for proposing two different projects adjacent to each, even though the government land included in these projects is contiguous.

The Authority noticed that the Project Proponent has submitted the documents with an explanation note and decided to refer back the proposal to SEAC to examine the document/report and forward a definite recommendation SEIAA.

Item No.26

Environment Clearance to Sri. Biju Khan for the Granite Building Stone Quarry for an area of 0.5456 Ha in Re-Survey No. 217/17pt (Patta land) & Re-Survey No. 214/1pt (Govt. Land) Pooyapally Village, Kottarakara Taluk, Kollam, Kerala. (SIA/KL/MIN/43937/2019, 1547/EC2/2019/SEIAA)

Sri. Biju Khan, Biju Manzil, Mylakadu (PO), Kollam 691 571, vide application received on 13.12.2019, sought Environmental Clearance for the proposed Granite Building Stone Quarry in Re-Survey No. 217/17pt (Patta land) & Re-Survey No.214/1pt (Govt. Land) of Pooyapally Village, Kottarakara Taluk, Kollam, Kerala.

The Authority in its 117th meeting found that the government land included in both projects (SIA/KL/MIN/43903/2019) is contiguous with same survey number. If both projects are combined as a single project, the environment mitigation measures will be more effective.

The Authority decided to obtain an explanation from the Project Proponent for proposing two different projects adjacent to each, even though the government land included in these projects is contiguous.

The Authority noticed that the Project Proponent has submitted the documents with an explanation note and decided to refer back the proposal to SEAC to examine the document/report and forward a definite recommendation SEIAA.

CONSIDERATION OF TOR PROPOSALS

<u>Item No.1</u>	ToR Application for the Project ‘Valley View Apartment’, Ambalamedu, Ambalamugal, Kochi, Kerala of M/s NBCC at Puthencruz Village, Kunnathunad Taluk, Ernakulam, Kerala. (SIA/KL/MIS/72908/2022; 1993/EC3/2022/SEIAA)
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Sri. Shakthiguru Pandey, DGM, NBCC submitted an application for ToR *via* PARIVESH Portal on 01.02.2022, for the construction of Valley View Apartments, in Sy No. 93/9, Puthencruz Village, Kunnathunad Taluk, Ernakulam, Kerala.

The Authority noted that the Project Proponent and his Consultant presented the proposal before SEAC in its 131st meeting and the Committee decided to approve the ToR submitted by the Project Proponent for conducting environmental impact assessment studies and for submitting the EIA report and EMP along with damage assessment and Remedial and Natural and Community Resources Augmentation Plan.

The Authority deliberated the item with the recommendation of 131st SEAC and decided to issue the ToR to conduct the EIA and EMP study along with following aspects:

- i) Damage Assessment,**
- ii) Remedial Plan and**
- iii) Community Augmentation Plan (to restore environmental damage caused including its social aspects).**

In addition to the above, the Project Proponent should conduct to study the following specific aspects and submit the report along with the EIA.

- i) The overland flow management and the drainage arrangements**
- ii) The feasibility of CER for the comprehensive development of the poor.**

Item No.2 ToR Application for the Expansion of Hospital Project of Al-Azhar Medical College and Super Speciality Hospital, at Kumaramangalam Village, Thodupuzha Taluk, Idukki, Kerala (SIA/KL/MIS/77012/2022; 2014/EC3/2022/SEIAA)

Sri. Pradeepkumar, CEO, Al-Azhar Medical College and Super Speciality Hospital submitted an application for ToR via PARIVESH Portal on 18/05/2022 for the Expansion of Hospital Project of Al-Azhar Medical College and Super Speciality, in Re Survey No. at 99/5, 100/1, 84/1, 84/3/4, 84/4/2, 84/3/5, 84/3/1, 84/1/1, 406/5, 406/1, 84/3/1, 84/4/1, 84/3/2, 404/1, 404/3, 88/3, 88/2, 88/1, 406/3, 406/6, 89/7, 82/2, 89/6, 398/3, 398/9, 405/1 at Kumaramangalam Village, Thodupuzha Taluk, Idukki, Kerala.

The Authority noted that the Project Proponent and his Consultant presented the proposal before SEAC in its 131st meeting and the Committee decided to approve the ToR submitted by the Project Proponent for conducting environmental impact assessment studies and for submitting the EIA report and EMP along with damage assessment and Remedial and Natural and Community Resources Augmentation Plan.

The Authority deliberated the item with the recommendation of 131st SEAC and found that the proponent had applied for ToR for expansion. Earlier they had applied and rejected since window period for regularizing violation was over. Regularization of violation and expansion are to be considered separately. Hence proponent has to apply for regularization of violation committed vide EIA 2006. The proponent has to submit an undertaking that he will not undertake any construction before getting environmental clearance. On completing the process and after obtaining EC for existing BUA, he may apply for expansion. Authority decided to direct the proponent to apply for regularization of existing violation only as per OM F.No. 22-2112020-IA.III [EI38949] dated 28.01.2022. Authority also decided to inform the above position to SEAC for necessary follow up action.

Item No.3

**ToR for the Proposed Granite Building Stone Quarry of A.M Chackochan for an extent of 8.0563Ha at Elamad Village, Kottarakara Taluk, Kollam, Kerala
(SIA/KL/MIN/75523/2022; 2001/EC2/2022/SEIAA)**

Sri. A.M Chackochan, submitted a ToR application on 31.05.2022 through PARIVESH Portal for the proposed Granite Building Stone Quarry for an area of 8.0563 Ha at Elamad Village, Kottarakara Taluk, Kollam, Kerala.

The Authority noted that SEAC in its 131st meeting recommended the Standard ToR with certain additional studies. **The Authority decided to approve the Standard Terms of Reference with the following additional aspects for EIA Study.**

1. DEM based slope stability analysis.
2. The utilization of existing quarry pits.
3. Watershed based comprehensive drainage plan.
4. Community needs assessment of the nearby habitations, specifically considering the vulnerable community.
5. Authority noticed that the NOC issued by the District Collector, Kollam is not for entire 7.8103 Ha and excluded the buffer zone. So proponent has to submit revised NOC for entire government land of 7.8103 Ha included in the mining plan.

Item No.4

**ToR for Granite Building Stone Quarry Project of Sri. Abdulla T.T in Re-Sy Nos. 186/290, 186/288, 186/289, 186/291, 186/580, 186/585 & 186/558 in Kodyathur Village, Kozhikode Taluk, Kozhikode, Kerala
(SIA/KL/MIN/70441/2021; 1936/EC4/2022/SEIAA)**

Sri. Abdulla T.T, S/o Alikutty, Thenginthottattil Kalanthode, Kalanthode Poolacode, NIT Campus P.O, Kozhikode-673601 submitted an application for the approval of Standard ToR through PARIVESH on 19.01.2022, for the Granite Building Stone Quarry Project, for an area of 2.9688 Ha, in Re-Sy Nos.186/290, 186/288, 186/289, 186/291, 186/580, 186/585 & 186/558, Kodyathur Village, Kozhikode Taluk, Kozhikode, Kerala.

The Authority noted that SEAC in its 131st SEAC meeting recommended the Standard ToR with certain additional studies. **The Authority decided to approve the Standard Terms of Reference with the following additional aspects for EIA Study.**

- 1. Land slide susceptibility of the impact zone in general & 500m vicinity in particular.*
- 2. Traffic management study specifically considering the large number of quarries within the impact zone.*
- 3. Community need assessment in the immediate vicinity giving special focus on vulnerable community.*

Item No.5

**ToR for the Granite Building Stone Quarry of Sri. V. J. Chacko, M/s. Amala Granite Products for an area of 2.4929 Ha in Survey Nos. 14/6(P), 14/7(P), 14/8(P), 14/9(P) and 14/10(P) at Parlikkad Village, Thalappilly Taluk, Thrissur
SIA/KL/MIN/155091/2020; 1816/EC6/2020/SEIAA (EC Proposal)
&
SIA/KL/MIN/38577/2019; 1402/EC2/2019/SEIAA (ToR proposal)**

Decision taken in the EC proposal, Item No.11

General Decisions

(1) Training & interactive session on various aspects of environmental clearance to development projects

SEIAA in its 113rd meeting has suggested that a training shall be arranged for QCI/NABET agencies working in the state, RQP's, representatives of quarry owners' associations in the state and staff working in SEIAA Secretariat and entrusted Chairman, SEAC to prepare a detailed proposal for the same. Now the Chairman, SEAC has submitted a detailed proposal for conducting the said training. Authority considered the proposal and decided to entrust the responsibility for conducting the programme to the Director of Environment and Climate Change, Govt. of Kerala.

(2) Review of pending EC cases

Authority decided to have a regular review meeting of Chairman SEIAA and SEAC once in 3 months to clear the pending cases and to speed up the process of issuing EC by addressing the bottlenecks if any. Administrator SEIAA will put up the details of pending cases in the format used by MoEF&CC. The first such review meeting will be held in the last week of November.

**Sd/-
Dr. H. Nagesh Prabhu IFS (Retd)
Chairman, SEIAA**

**Sd/-
Dr. V. Venu IAS
Member Secretary, SEIAA**

**Sd/-
Sri. K.Krishna Panicker
Member, SEIAA**